

KUMAR SHANU

Technical Lead | Senior Full Stack Engineer | MEAN/MERN Stack Developer

PROFILE SUMMARY

- IT Professional offering **experience of nearly 5+ years** in Full Stack Development with skills in nodejs, express, DB (mongo, MySQL), Angular, nextjs, React, React Native
- Successfully **leveraged full-stack experience to build interactive & user-centered software designs**; identified architectural improvements resulting in increased developer efficiency, product reliability & responsiveness to new feature requests
- Proficient in Software Development Lifecycle (SDLC)** right from requirement analysis, documentation (functional specifications, technical design), coding & testing (preparing test cases with implementation) to maintenance of proposed applications
- Excellent aptitude in **executing complex technology projects & managing multiple stakeholders**, priorities, resources, escalation & risks throughout the project lifecycle; **executed 40+ projects**
- Excellence in mapping of business requirements & translating them into functional specifications, use cases, services, implementations & **custom designing solutions by identifying the business benefits & impact and following the standard guidelines**
- Experienced in **leading the software development, code reviews of the team** and ensuring quality deliverables to the project teams in accordance to Company standards
- Differentiator & Success Levers:** result-oriented professional with established skills in people management, relationship building, mentoring, critical thinking & leadership

TECHNICAL SKILLS

Primary Languages	JavaScript (nodejs), Typescript, Bash
Web Technologies	HTML, JS, CSS, Angular, React, Bootstrap, material etc
Frameworks	Angular, nextjs
Graphics	Figma, Adobe Xd, Adobe illustrator & Photoshop
OS	Windows, Any Linux
Deployment Tools	AWS, Azure, Digital Ocean, Google Cloud Platform, Domain configuration, NGINX, Docker, PM2, SSL, AWS serverless
Others	Kafka, Rabbitmq, Socket io, Jira, Project Management, Git, Monolithic & microservice based api, Postman, Agile Methodologies
Hybrid Apps	React Native, Angular PWA, Cordova, Ionic

WORK EXPERIENCE

Since Sep'22: Quintus Tech Pvt. Ltd., Indore | **Technical Lead**

Role:

- Leading a 20+ member team (Web & Android, Graphic Designers) to build one-stop product; mapping requirements & providing customized solutions involving finalization of product specifications and selection of appropriate techniques
- Conducting system study and coordinating with team members for System Design & Integration, Application Maintenance and so on
- Monitoring teams on various technical aspects like software design, coding of modules, administering critical paths & taking appropriate actions
- Planning, designing, coding, analyzing & conducting testing for applications; developing unit/ basic/ functional test cases & framework
- Designing detailed technical components utilizing high-level architecture, design patterns & reusable code; ensuring that best practices for coding, architecture & security are maintained with responsibility for quality development of all applications
- Determining project requirements & developing work schedules for the team; delegating tasks & achieving daily/ weekly/ monthly goals
- Conducting technical interviews for software engineering positions and evaluating candidates problem-solving skills and ability to write codes

Extensive experience in executing full life-cycle application development projects; ramping-up projects within time, budget & quality parameters, targeting assignment in Full Stack Development with an organization of repute in IT industry.

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CORE COMPETENCIES

- Full Stack Development / Solutions Design & Development
- Software Development Lifecycle
- Agile & Scrum Methodologies
- Client & Stakeholder Engagements
- Project Execution & Planning
- Coding & Debugging / Reporting & Documentation
- Team Building, Mentoring & Leadership
- Performance Tuning & Change Request
- Bug Prevention & Root Cause Analysis

EDUCATION

- B.E. - Electronics & Communication Engineering from Rajiv Gandhi Technical University, Bhopal, MP
- XI-XII (BSEB) from M.L.S.M College

CERTIFICATIONS

- 2022: A Guide to Securing Node.js Applications
- 2022: APIs with NodeJS by The Net
- 2022: MongoDB
- 2022: Google Maps API
- 2022: React JS

SOFT SKILLS

Negotiation & Conflict Management

Team Building & Interpersonal Skills

High Business Ethics & Trustworthy

Analytical Problem Solving

Effective Management Skills

Leadership and Delegation

Highlights:

- Developed In-house Project Management Tool for managing projects TAT
- Identifying risks and forming contingency plans as soon as possible
- Developed a tech culture by driving various initiatives (like Scheduling Training 1:1 sessions and meetings to discuss improvements)
- Developed API & portal which help a fin-tech to upgrade a user's KYC; Aadhaar OTP-based KYC, RD service onboard for MATM & AEPS service
- Maintained BPMN (Business Process Modeling Notation) workflows of applications related to EKYC services for fin-tech which receives a traffic of about 10K applications

Technology Used: Angular (12,13,14,15,16), nodejs, express, Redis, charts, 3rd party API, Jira, MongoDB, SQL, PM Tools & Excel, cloud, aws serverless

Aug'21 – Sep'22: Tracknovate Technologies Private Limited, Indore

Aug'21-Jun'22: Full Stack Developer



Jun'22-Sep'22: Technical Lead

As Technical Lead:

- Developed & maintained the front end of a web application using technologies such as HTML, CSS, JavaScript, Angular & Nodejs
- Managed budgets & resources and drove cross-functional collaboration to deliver projects on time and within budget while working in coordination with project managers; integrated the front end and back end of a web application
- Tested & debugged web application & wrote technical documentation for application

Technology Used: Angular (9,10,11,12,13), nodejs, express, Redis, charts, 3rd party API, Jira, MongoDB, SQL, cloud computing, React, React-Native, Tracking Software

As Sr. Full Stack Developer:

- Deployed Fintech In-house Application (BBPS Service, Travel – Bus, Flight, Hotel booking, Insurance services) on MEAN Stack Data Encryption & Decryption for 3rd party BBPS, AEPS, MATM
- Built a web portal's notification service using Kafka-integrated it with a separate in-house service that interacts with a third-party push notification service – WebEngage
- Steered database design (MongoDB) with wallet management system integrated custom UPI for wallet recharge any payment QR scanner

Technology Used: Angular (8,9,10), nodejs, Express, MySQL, Redis, 3rd party API, Jira, MongoDB, Cordova, ionic, Linux Server Setup environment

As Full Stack Developer:

- Managed E2E APIs integration & testing of multiple life insurance partners, bill payments such as policy bazaar, K.M. Dastur Reinsurance Brokers, bbps, paysprint, etravos, instantpay etc. with the broking backend server and steered dynamic website design

Technology Used: Angular (8,9,10), nodejs, Express, MySQL, Redis, 3rd party API, Jira, mongoDb, HTML, CSS, SCSS, Js, Digital Ocean, Hosting

Jul'20 – Jul'21: ITE Infotech Pvt. Ltd. - IUMS CELL, Bhopal | Software Developer (MEAN Stack)

Highlights:

- Worked on m.p.gov. Project and coordinated with product team to build University Management System, Evaluation Panel, Online Exam Portal & Government Projects
- Created REST APIs, used across organization and scaled to over 28 lac concurrent users
- Designed database schema for new B2B SaaS product, closely integrated with APIs
- Created wireframes and prototypes to visualize layout and functionality of the interface

Technology Used: Angular (8,9), nodejs, Express, Redis, Payment Gateway, MongoDB, HTML, CSS, SCSS, Js, AWS, customized website, UI/UX design, Graphics design

Jul'19 – Mar'20: Puffin Software's, Bhopal | MEAN Stack Developer

Highlights:

- Developed web applications using MEAN stack involved in designing user interface, implementing the back-end logic and integrating various components of the stack; worked on the live project on their client Dev Musical
- **Technology Used:** Angular (6,7), nodejs, Express, mongoDb, HTML, CSS, SCSS, Js, UI/UX design, Graphics design

For more details on projects executed, refer to Annexure section

ANNEXURE

Voso Vyapar

<https://vosovyapar.com>
https://*.vosovyapar.com
<https://vosovyapar.com/admin>
<https://vosovyapar.com/usr>

Voso Vyapar is a platform that allows individuals or businesses to start selling their products or services immediately. It eliminates the need for domain purchases, website creation, SEO learning, or e-commerce setup.

Key Features: Dynamic subdomains (User choice) after purchase subscription plans. Uses wildcard subdomain management with Nginx.

Technology Stack: Angular, Node.js, MongoDB, Express, Next.js, Ubuntu 20.04 server, Azure, Redis, PM2, Nginx.

Quintus API Selling

<https://prod.quintustech.in>
<https://uat.quintustech.in>
<https://prod.quintustech.in/admin>

API allows different software systems to communicate with each other and exchange data, and a website that sells APIs may provide access to APIs that are related to travel, such as APIs for retrieving flight information, booking hotel rooms, or accessing destination recommendations. Developed a system for managing API keys and access and tracking usage and billing.

Technology Used: nodejs, Express, MongoDB, Angular (14,15,16), google APIs such as OAuth2, location etc.

- Created Single handed API & Add extra layers of security on API access; designed User panel & admin Panel & integrated All APIs on frontend

Gaura (Android app)

<https://gaura.app>
<https://play.google.com/store/apps/details?id=com.gauratech.gaura>

This app has subscription & vendor-based solutions where vendors get commissions on their customer's utility bookings and payments

Technology Used: nodejs, Express, mongoDb

- Worked on backend API with backend team, designed Databased and their flow and created documentation for the android team

MPAY (Android app)

<https://quintus.mpay.org.in>
<https://play.google.com/store/apps/details?id=com.app.mpay>

This app has fintech based application. with M Pay, you can experience the power of AEPS (Aadhaar Enabled Payment System), BBPS (Bharat Bill Payment System), and convenient travel bookings all in one place.

Technology Used: nodejs, Express, mongoDb, Java

- Worked on backend API with backend team, designed Databased and their flow and created documentation for the android team
- Created admin panel on angular 16 with all reporting format searching, sorting, server side searching, sorting, filtering & pagination.

PMS (Property management System)

Technology Used: nodejs, Express, mongoDb, figma

- Worked on backend API designed DBS and developed frontend roles based like super admin, property owner and their employee

Action Plus Bharath

<https://play.google.com/store/apps/details?id=com.actionplus>

Action Plus offers Maid Services exclusively for Gated Communities with proper Training, Supervision, and with Background Verification.

Technology Used: React native, android studio

Doorpar

www.doorpar.com
<https://play.google.com/store/apps/details?id=com.urgengroceryStore> (URGEN UI APP- DEMO)

E-commerce website Medicine, Grocery, Electronics, books, Pan Shop, Pest Control, AC repair & much more delivered & serviced at your doorstep in 1 hour

Technology Used: Wordpress , Angular, nodejs, mongoDB

VOSO Store Partner

<https://vosostore.com>

<https://play.google.com/store/apps/details?id=com.ttpl.vosostorepartner>

<https://play.google.com/store/apps/details?id=com.vrtpl.vosostoredmt>

<https://store.vosostore.com>

<https://admin.vosostore.com>

VOSO was founded to create a multi-purpose platform for stores to apply as a single-point service provider for their customers.

Technology Used: Angular, nodejs, MongoDB, Nginx, Redis, pm2 , digital ocean, ssh

Print Poster

<https://printposters.in>

Online Printing website

Technology Used: Angular, nodejs, mongoDB, ubuntu

Integrated University Management System (M.P Government Project)

<https://mpiums.in>

<https://mpiums.in/student>

IUMS is a software platform designed to help universities and colleges manage various aspects of their operations, including student enrollment, course scheduling, grading, and financial aid. IUMS systems often include modules for managing faculty and staff and handling admissions and registration processes.

Technology Used: nodejs, Express, MongoDB, Angular (9,10,11), Google API for coordinate location, payment gateway, excel

- Worked with the project team to understand business requirements and functional specifications of the IUMS system; steered paper setter with paper allotment and reported MP Raj Bhawan every week on governor and their Ps as well universities VC
- Developed online exams software module in student portal for technical students such as B.Tech., M.Tech. semester exams & PHD entrance

SPA Group

<https://thespagroup.in>

<https://thespagroup.in/ecocity>

<https://thespagroup.in/frangipani-estates>

SPA group it's a real state project

Technology Used: Html, CSS, JS, AWS, GIT

Doctorsand

<https://doctorsand.com>

<https://doctorsand.com/portal>

B2B managed marketplace for construction materials with a focus on high-volume construction products being sold under its own brand.

Technology Used: Html, CSS, JS, AWS, GIT, bootstrap, angular material, angular 15

Guitar Price

<https://www.guitarprice.in>

Guitar Price took legacy on and took the business on an online portal with the vision of supporting musicians across every corner of India. The online platform is getting record-breaking hits and achieving substantial growth in sales and customer trust.

Technology Used: Html, CSS, JS, AWS, GIT, bootstrap, angular 12

Eduvia

<https://eduvita.in>

At Eduvita, they work with the client to optimize their business from the top down. Using the modern-day cloud system, they provide users with the right enterprise resource planning. The group of professional IT team and consultants are always available to help client data be managed and accessed which helps you manage day-to-day activities instantaneously.

Technology Used: PHP, MySQL, Apache server configuration

Vidhi law arcade

<https://vidhylawarcade.com>

Crafted a dynamic lawyer's website using HTML, CSS, JavaScript, PHP, and MySQL. Implemented a contact form for user inquiries, leveraging Apache server for data storage and seamless email notifications to both users and admin.

Technology Used: html, css, js, PHP, MySQL, Apache server configuration