

VINAY KUMAR K

 <https://www.vinaykumarkuresi.com/>

Versatile, high-energy professional offering experience in designing & developing web-based applications, and managing various technical projects; targeting assignments in Banking, E-commerce and Healthcare Domain as Senior Software Engineer or Technical Lead

Location Preference: Bangalore, Chennai, Hyderabad

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CORE COMPETENCIES



Software Development & Leadership
Project Management & Delivery
Requirement Gathering & Analysis
Software Configuration
Process Improvement & Automation
Release, Integration & Deployment
Application Support & Maintenance
Client/ Stakeholder Management
Design & Solution Architecture



SOFT SKILLS



CERTIFICATION

- JavaScript | Python | Deep Learning | Data Science

<https://www.VinayKumarKuresi.com/Certifications>



PROFILE SUMMARY

- Rich & qualitative experience of over **5.6** years in managing end-to-end **SDLC** including design, development, architecture enablement, enhancements, customization, testing, customer support and training
- Experienced in **UI & Full Stack DEVELOPMENT- HTML5, CSS3, JavaScript, TypeScript Bootstrap, React.js, Node.js, Python, Redux, MySQL, MongoDB, Redis.**
- Client-centric professional** with excellence in **understanding & gathering client's requirement** and designing a roadmap for further development
- Established **cordial relationships with clients, stakeholders, technical teams & vendors** for successfully executing concurrent projects
- Forward-focused Technical Architect** with expertise in creating high level detailed design and architect the overall system or application considering various factors such as scalability, performance, security, and maintainability.
- Skilled in conducting **Root Cause Analysis** to find defects & debugged the applications with focus on maintaining application & ensuring quality deliverables within SLAs
- Expertise in **managerial activities** entailing rendering technical guidance to the team members, holding discussions with different functions & management for reviews & analysis and monitoring project progress
- Key People Leader**, who has successfully led and motivated team towards growth and success in the organization; skills in implementing continuous improvement programs and partnering with multiple stakeholders



TECHNICAL SKILLS

- Web Technologies: HTML 4/5, CSS 2/3, JavaScript, TypeScript, React.js, Vue.js, Redux, Responsive web design (RWD), Bootstrap and JSON, AJAX
- Backend API: Node.js, Express.js, Sails.js, Python, Django, Flask
- Databases: MySQL, MongoDB, Redis
- Tools known: Jenkins, SonarQube, GIT, GitHub, Jest, Selenium, Lighthouse, Dev tools
- Mobile Frameworks: Bootstrap with Mobile First approach
- IDE's Known: Visual studio code, PyCharm, Eclipse
- Messaging Queues: RabbitMQ, Kafka



EDUCATION

- MCA from Jawaharlal Nehru Technology University, Andhra Pradesh in 2018
- BCA from Dr CV Raman University, Billaspur in 2015
- 12th standard from Govt Inter Board, Andhra Pradesh in 2012
- 10th standard from Govt Higher Secondary School, Andhra Pradesh in 2010

WORK EXPERIENCE

Oct'22- May'23 | Smart IMS, Bangalore | Senior Software Engineer

Sep'21-Oct'22 | Technosoft, Bangalore | Senior Software Engineer

Jan'18- Sep'21 | Infosys, Bangalore | Software Engineer

Key Result Areas:

- Spearheading product development lifecycle right from coordinating with Business Analyst for requirement gathering, documentation (functional specifications, technical design), coding and testing
- Analysing client requirements and designing technical solutions to drive product development
- Controlling all phases inclusive of scoping, development, integration, deployment, testing, maintenance and production
- Defining design, architecture and other technology directions for implementation
- Implementing methodology involving developing comprehensive test plans, tracking activities and assuring overall quality including functionality, performance & scalability
- Providing information related to software bugs & defects by analysing & summarizing development & service issues
- Monitoring the team's adherence to Agile process during project execution, identifying issues and assisting the team to resolve the same; focusing on people and continuous improvement all the time
- Heading performance management including knowledge sharing sessions to ensure efficiency in process operations
- Applying methodologies involved developing comprehensive Unit test plans, tracking activities and assuring overall quality including functionality, performance & scalability

PROJECTS

Smart IMS, Bangalore | Client: Pi- Health | UI & Full- Stack Developer

Technosoft, Bangalore | Client: IQVIA | UI & Full- Stack Developer

Infosys, Bangalore | Client: Intel | UI & Full- Stack Developer

Technologies Used: HTML5, CSS2/3, Bootstrap, JavaScript, TypeScript, React.js, Redux, Node.js, Python, Django, Flask, Express, Sails, MySQL, MongoDB, Redis.

Key Result Areas:

- Designed a complete front- end application
- Developing backend in Node.js and Python to integrate the code and fixing the issues.
- Enhanced performance on both mobile and desktop.
- Coordinated the workflow between graphic designers and HTML codes.
- Designed and developed RESTful APIs to facilitate communication between the frontend and backend systems, enabling seamless data exchange and integration.
- Implemented robust data modeling and database design, ensuring efficient storage and retrieval of data. Utilized technologies like SQL or NoSQL databases, performed query optimization, and implemented database indexing.
- Worked on authentication and authorization systems, implementing secure user authentication using technologies like JWT (JSON Web Tokens), OAuth, or session-based authentication.
- Implemented asynchronous processing and background tasks using tools like message queues (e.g., RabbitMQ, Kafka) or task/job schedulers (e.g., Celery) to handle time-consuming operations efficiently.
- Implemented security measures to protect against common vulnerabilities, including input validation, output encoding, SQL injection prevention, and cross-site scripting (XSS) protection.
- Communicated with external web services

PERSONAL DETAILS

- **Date of Birth:** 17th February 19995
- **Languages Known:** English, Hindi, Telugu
- **Address:** Bangalore, India