

Pavan Kumar Kosuri

Mobile: +91 7780690827

Email: kosuri.pavank@gmail.com

GitHub: <https://github.com/PavanKumarKosuri>

LinkedIn: www.linkedin.com/in/pavan-kumar-kosuri

PROFESSIONAL SUMMARY

- Full-Stack Developer with 3.8+ years of experience specializing in building secure, scalable web applications using React.js and Node.js. Proven track record of improving system performance by 30%, leading cross-functional teams, and implementing seamless third-party integrations (Razorpay, ZeptoMail), resulting in a 15% increase in payment processing efficiency. Adept at integrating data APIs, optimizing database performance and delivering high-quality, responsive user interfaces. Skilled in collaborating with cross-functional teams, including architects and technical leads, to deliver enterprise-grade solutions. Currently advancing skills in GraphQL, Docker, Kubernetes, and serverless architectures to stay at the cutting edge of full-stack development.

TECHNICAL SKILLS

- **Frontend:** JavaScript, React.js, Bootstrap, Tailwind CSS, HTML5, CSS3, Figma to Frontend Conversion
- **Backend:** Node.js, Express, JWT, WebSockets, Razorpay integration
- **Database:** MySQL, Azure Cosmos DB
- **DevOps & Deployment:** Azure, CI/CD pipelines, Vercel, Netlify, Docker (in progress), Kubernetes (in progress)
- **Security:** OWASP Top 10, AES-256 Encryption, JWT Authentication
- **Tools:** Visual Studio Code, Git, GitHub, Postman, Figma, JIRA, Confluence
- **Third-Party Integrations:** Razorpay, ZeptoMail, Exotel, WhatsApp API
- **Data APIs:** Experience integrating and working with data APIs for seamless data exchange

CERTIFICATIONS

Infosys Internal Certifications:

- Azure DP-900: Azure Data Fundamentals
- Infosys Certified DevOps Professional
- Infosys Certified Digital Accessibility Specialist
- Infosys Global Agile Development Certification
- Infosys Certified Java SE8 Developer
- Infosys Certified Automation Foundation Specialist
- Infosys Certified Selenium Advanced Practitioner
- Business Communication Level 5

Self-Learning:

- OWASP Top 10 Security Practices (Implemented in multiple projects)

Planned 2024 Certifications:

- Google Cloud Associate Cloud Engineer
- Certified Kubernetes Application Developer (CKAD)

WORK EXPERIENCE

Infosys Limited | Hyderabad, India

Full-Stack Developer (April 2022 – Present)

- Developed highly responsive web interfaces using **React.js**, ensuring optimal performance and enhancing user experience across various devices and browsers. Reduced page load times by 15% through optimized React components and lazy loading techniques.
- Collaborated with the backend team to integrate **APIs**, implementing secure user authentication and session management using **JWT**, reducing security vulnerabilities by 20%.
- Played a crucial role in implementing **OWASP Top 10 security standards** to mitigate vulnerabilities, particularly focusing on **XSS prevention**, **secure API consumption**, and **authentication/authorization flows**.
- Assisted in debugging and enhancing API integrations for sensitive data, ensuring robust handling of credentials and payment details.
- Worked closely with UI/UX teams to translate designs into pixel-perfect, user-friendly interfaces, improving the application's accessibility and ease of use.
- Collaborated with QA engineers to conduct front-end testing, utilizing tools like **Postman**, **Confluence** and **JIRA**, and ensured timely bug resolution.
- Contributed to the **Webmatics Online Service** project, focusing on front-end development, ensuring cross-browser compatibility and responsive design. Enhanced security measures by adhering to industry standards for API consumption and user data protection.

Avantel Limited | Visakhapatnam, India

Web Developer Apprentice (January 2021 – January 2022)

- Worked on the **5kW UHF unit** and **1kW HF unit**, enhancing the front-end interface to improve user experience and accessibility.
- Upgraded the **navigation bar**, **menu bars**, and **body section** of the internal application used for controlling and managing these units, leading to a more intuitive and user-friendly interface, improving user experience by 20%.
- Collaborated with the engineering team to ensure the UI was seamlessly integrated with backend systems, facilitating easier control and monitoring of unit operations.
- Gained hands-on experience in **PCB design**, **schematic testing**, and performing software-related improvements on control interfaces.
- Acted as a **mentor to the production team** after completing the R&D phase, ensuring smooth transitions from design to production and helping resolve technical issues on the spot, leading to improved production efficiency and quality.
- Optimized internal tools, resulting in a 15% increase in task completion speed for production teams.

KEY PROJECTS

Snapfish (E-commerce Platform) | Infosys

Front-End Developer (Feb 2023 – Sept 2023)

- Translated design requirements into fully functional, real-time frontend components, maintaining design fidelity and responsiveness using React.js and Tailwind CSS.

- Developed and optimized not only Navbar, Sidebar, and Footer components, but also key product pages, checkout flows, and user profile sections to enhance overall user experience and maintain consistency throughout the platform.
- Integrated JWT-based authentication and enhanced API communication, improving both platform security and user data protection by 20%.
- Worked closely with UI/UX and backend teams to ensure seamless integration between design and API endpoints, enhancing the overall performance and user interactivity of the platform.
- Contributed to the implementation of personalized recommendations by collaborating with the ML team, which led to a 10% increase in user engagement.
- Improved overall site accessibility and cross-browser compatibility, ensuring smooth performance across a wide range of devices

Webmatics Online Service | Infosys

Front-End Developer (Aug 2022 – Dec 2022)

- Ensured optimal performance and compatibility across multiple platforms and browsers.
- Developed interactive and responsive web applications using React.js, ensuring design consistency across the application.
- Contributed to the planning and execution of Agile development processes, actively participating in sprint planning and daily stand-up meetings.

5kW UHF Unit & 1kW HF Unit Interface Upgrade | Avantel Limited

Front-End Developer (Jan 2021 – Jan 2022)

- Designed and implemented upgrades to the navigation bar, menu bars, and overall user interface of the control systems for 5kW UHF and 1kW HF units, enhancing ease of access and improving user experience by 20%.
- Mentored the production team during the transition from R&D to production, ensuring the UI improvements were effectively implemented and understood.
- Worked closely with hardware and testing teams to ensure that the redesigned interface aligned with technical requirements, contributing to a 15% improvement in production efficiency.

Corporate Health Management System | Personal Project

Full-Stack Developer (June 2024 – Aug 2024)

- Built a full-stack system for managing corporate medical camps, including SuperAdmin, HR, User, and Phlebo workflows.
- Integrated OTP-based employee registration, role-based access control (RBAC), and QR code generation for seamless operations.
- Upgraded frontends and added new dashboards for vendors and managers, resulting in a 30% increase in operational efficiency.

Doctor Booking Consultation | Personal Project

Full-Stack Developer (July 2024 – Aug 2024)

- Developed a medical insurance-based system with seamless Razorpay integration for secure payments and Cosmos DB for managing real-time ticketing.
- Reduced processing time by 15% through optimized backend architecture and efficient API integration for real-time updates.

Corporate Health Management Dashboards | Personal Project

Full-Stack Developer (Aug 2024)

- Designed and implemented dashboards for different user roles including vendors, clients, and super admins.
- Developed a ticketing system integrated with Razorpay payment flows, automating real-time updates and reporting, increasing efficiency by 25%.
- Created Excel report generation tools for tracking claims and analysing insurance statuses.

EDUCATION

BITS Vizag (affiliated with JNTU-K) | Visakhapatnam, India

Bachelor of Technology in Electronics & Communication Engineering | 2020

ACHIEVEMENTS

- Improved payment success rates by 15% through the implementation of Razorpay integration.
- Reduced API response times by 20% through optimized backend infrastructure.
- Led a team to build a multi-role corporate health management system, increasing workflow efficiency by 30%.

LANGUAGES

- English
- Hindi
- Telugu

Place : Hyderabad
Date : September 2024

(Pavan Kumar Kosuri)