PAVAN KUSUNURI

Senior Software Engineer (SSE III)

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience building, enhancing, and supporting enterprise and SaaS applications across healthcare, aviation, and internal product platforms. Strong expertise in React, Node.js, Python, and Django, with hands-on experience designing RESTful APIs, implementing authentication and authorization, optimizing application performance, and resolving production issues in business-critical systems. Proven ability to own modules end-to-end, collaborate with cross-functional teams, and mentor junior engineers while delivering reliable systems used by thousands of users.

CORE SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Responsive UI
Backend: Node.js, Express.js, Python, Django, Django REST Framework
APIs & Security: RESTful API Design, Authentication & Authorization
Databases: PostgreSQL, MongoDB
Architecture & Practices: Modular UI Architecture, Microservices, Agile/Scrum, Code Reviews
Engineering: Performance Optimization, Debugging, Production Support
Tools: Git, GitHub

PROFESSIONAL EXPERIENCE

Senior Software Engineer – ValueLabs (Feb 2024 – Present)

Developed and enhanced internal product tools using React.js and Node.js, focusing on stability, scalability, and maintainability.

Designed and implemented REST APIs to enable secure and efficient data exchange across multiple internal applications.

Built reusable and modular UI components, improving consistency across features and reducing development effort.

Identified and addressed performance bottlenecks, improving page load times and UI responsiveness.

Handled production issues and mentored junior engineers through code reviews and technical guidance.

Software Engineer – Oracle Cerner (Jan 2022 – Feb 2024)

Worked on enterprise healthcare systems supporting 10k–100k users.

Developed and maintained internal modules such as Announcements.

Resolved production defects in business-critical applications.

Collaborated with cross-functional teams following enterprise development standards.

Software Development Engineer – AeroSimple Technologies (Dec 2019 – Jan 2022)

Contributed to early-stage SaaS product development in the aviation domain.

Designed and built RESTful APIs using Django REST Framework.

Implemented scalable frontend components using React.

Owned critical modules including Work Order Management and Asset Management.

Mentored junior engineers and reviewed code.

EDUCATION

Bachelor of Technology (B.Tech)
Sri Prakash College of Engineering (2012 – 2016)