

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)