

AAYUSH SHARMA

Software Engineer | Full-Stack Developer | React.js | Node.js

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Professional Summary

Results-driven Software Engineer with experience in full-stack development using React.js, Node.js, and PostgreSQL. Skilled in building scalable web applications, optimizing performance, and implementing secure REST APIs. Proficient in Agile methodologies, delivering solutions with 99%+ uptime. Passionate about leveraging cloud deployment and modern frameworks like Rust to drive innovation.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, C++, Java, HTML5, CSS3

Tools/DevOps: Docker, Git, GitHub Actions, Postman, OpenSeadragon, Jest

Frameworks/Libraries: React.js, Node.js, Express.js, Redux, Bootstrap, Tailwind CSS

Concepts: REST APIs, Microservices, Unit Testing, Agile/Scrum, CI/CD, Cloud Deployment

Databases: PostgreSQL, MongoDB, MySQL, Redis

Professional Experience

Software Engineering Intern – SauPy Software Systems (OPC) Pvt Ltd, Remote Jan 2025 – Jun 2025

- Developed a scalable image-sharing platform using React.js, Node.js, and PostgreSQL, deployed with Docker, reducing deployment time by 40% for 500+ daily users.
- Integrated Keycloak for secure authentication and OpenSeadragon for high-resolution image rendering, achieving 99% uptime in Agile sprints.
- Optimized backend APIs using Python, improving response time by 30% for high-traffic workloads.

Frontend Developer Intern – AICTE & IBM SkillsBuild, Remote Jun 2023 – Jul 2023

- Built a Netflix-inspired frontend using React.js and Bootstrap, with 20% faster page load times.
- Enhanced UX with Redux and lazy loading, increasing retention by 15% and reducing bounce rates by 10%.
- Contributed to unit testing with Jest, achieving 95% test coverage.

Projects

DZI Viewer – Deep Zoom Image Viewer Jan 2025 – Mar 2025 | View Project

- Engineered a full-stack app with React.js, Node.js, and PostgreSQL, rendering 1,000+ zoomable images using Dockerized deployment.
- Secured APIs and integrated Gmail SMTP for notifications, achieving 95% email delivery success and 25% lower latency.

Loyal Chatbot – Loyalty-Based Discount System Feb 2025 – May 2025 | View Project

- Developed a chatbot platform using Rust, WebAssembly, and Redis, processing 200+ daily transactions with 99% accuracy.
- Enhanced frontend UX with React.js and Tailwind CSS, reducing response times by 25%.

Education

B.Tech. in Computer Science & Engineering

Swami Keshvanand Institute of Technology, Jaipur, Rajasthan

Oct 2020 – Jun 2024 | CGPA: 9.01 (Top 5%)

- Coursework: Data Structures, Algorithms, Software Engineering

Certifications

- AWS Certified Solutions Architect – Associate (Dec 2024)
- IBM Full-Stack Developer Professional Certificate (Jul 2023)

Achievements

- Led 5+ Agile sprints, delivering features 15% ahead of schedule.
- Contributed to 3+ open-source repositories, resolving 20+ issues.