

Devesh

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Education

National Institute of Technology Patna

Master of Computer Applications (MCA)

Oct 2021 – June 2023

CGPA: 8.63

Experience

Senior Software Engineer

TATA Elxsi Limited

Oct 2025 – Present

Bangalore

- Developed backend features using Java, AWS Lambda, and API Gateway, contributing to serverless application development and proof-of-concept implementations.
- Collaborated with cross-functional engineering teams throughout implementation, debugging, deployment, documentation, and production support following Agile development practices.
- After successful completion of the backend initiative, transitioned back to the existing Developer Portal project to support production maintenance, bug fixes, and incremental feature improvements.

Software Engineer

TATA Elxsi Limited

July 2023 – Sept 2025

Bangalore

- Developed responsive and scalable enterprise web applications using React.js, JavaScript (ES6+), HTML5, CSS3, Material UI, Tailwind CSS, Styled Components, React Router, Context API, and Vite.
- Translated UI/UX designs and business requirements into reusable, production-ready React components while collaborating with product managers, UX designers, backend engineers, QA, and DevOps teams.
- Built reusable component libraries, implemented state management using Context API, and integrated RESTful APIs to develop scalable and maintainable enterprise applications.
- Contributed to a Retrieval-Augmented Generation (RAG) chatbot proof of concept to improve developer platform usability by integrating AI-powered capabilities into the Developer Portal.
- Developed unit and component tests using React Testing Library and Vitest, participated in peer code reviews, and resolved application issues to improve software quality and application stability.
- Optimized frontend performance, participated in technical discussions, documentation, Agile ceremonies, production deployments, and issue resolution while mentoring junior engineers and promoting clean, maintainable code.

Skills

Languages: JavaScript (ES6+), TypeScript, Java, Python

Frontend: React.js, React Hooks, Context API, React Router, HTML5, CSS3, Tailwind CSS, Material UI, Styled Components, Responsive Web Design, Vite

Backend: Node.js, Express.js, Spring Boot, AWS Lambda

APIs & Integration: RESTful APIs, Web Services, Backend Integration, API Gateway

AI: Generative AI, Retrieval-Augmented Generation (RAG), LLM Integration, Prompt Engineering

Testing: React Testing Library, Vitest, Unit Testing, Component Testing

Cloud & DevOps: AWS, Docker, Git, GitHub Actions, Jenkins, CI/CD

Tools: Postman, Jira, Firebase, NPM

Databases: MongoDB, PostgreSQL, MySQL

Core Concepts: Software Engineering Fundamentals, Component-Based Architecture, Object-Oriented Programming, REST API Integration, Frontend Performance Optimization, Responsive Design, State Management, Debugging, Code Reviews, Agile/Scrum, SDLC

Projects

Resume Engine — SaaS Product | [Link](#)

- Built and launched ResumeEngine, a full-stack SaaS application using React.js, TypeScript, Node.js, Express.js, MongoDB, and REST APIs, delivering reusable UI components and responsive user workflows.
- Integrated Grok AI into the backend to power AI-assisted resume tailoring and job description validation using prompt engineering techniques.
- Developed accessible and responsive user interfaces using semantic HTML, keyboard navigation, ARIA attributes, and focus management while maintaining reusable component architecture.
- Owned the complete product lifecycle including requirement analysis, UI development, backend integration, testing, debugging, documentation, deployment, and continuous feature enhancement.

Awards & Achievements

Rising Star Award: Recognized for exceptional performance and rapid high-impact contributions shortly after joining the organization.

Project Excellence Award: Awarded for outstanding technical contribution and successful delivery of a high-impact enterprise project.

Stellar Contribution Award: Recognized for resolving a critical production issue that significantly improved application stability and reliability.

Ownership Badge: Acknowledged for taking end-to-end ownership of key application features from design through production deployment.