

Akansha Tiwari

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Education

Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior

Gwalior, India

Bachelor of Technology, Computer Science. CGPA: 8.08/10

Aug 2021

Relevant Coursework: Systems Programming, Data Structures and Algorithms, Computer Networking, Mathematics, Introduction to Probability, Operating System, OOP

Technical Skills

- **Languages and Frameworks:** TypeScript, JavaScript, Golang, Java, React, Next.js, [Node.js](#), Spring Boot, LangChain
- **Tooling & Practices:** Docker, CI/CD Pipelines, Playwright, Unit Testing, Vite, Webpack, REST APIs, MongoDB, RAG

Experience

Phaidra

Remote

Software Engineer I – Software Engineer II

Dec 2021 – Jan 2026

- Designed and shipped a production debugging tool for industrial plant operators, replacing manual log triage with step-by-step visual execution traces, giving operations teams direct visibility into automation failures without requiring engineering involvement.
- Led the system from ambiguous brief to production adoption: drove the architectural decision to use a timeline execution model over tabular output, aligned cross-functional stakeholders across engineering, product, and operations, and delivered a tool that became the team's primary debugging workflow.
- Built a versioned constraint evaluation engine so operators could safely update automation rules without risking production regressions, reducing dependence on engineering for routine logic changes.
- Defined versioning and change management semantics from scratch in an ambiguous problem space, aligned stakeholders across competing models, and shipped a correct, maintainable MVP on deadline.
- Owned end-to-end incident response on the frontend on-call rotation: investigated, diagnosed, fixed, and verified resolution for production issues, and coordinated with backend and platform teams for cross-boundary failures.
- Leveraged AI-assisted development tools including Cursor and Claude to accelerate implementation, testing and documentation workflows while maintaining high engineering standards.

Thanos, CNCF (Cloud Native Computing Foundation)

Remote

LFX Mentee – Open Source Mentorship

Sept 2021 – Nov 2021

- Implemented a caching layer in Go for Thanos Store, improving query reliability across distributed storage workflows; refactored to use *galaxycache* following maintainer review, demonstrating the ability to ramp quickly in a large production codebase and incorporate expert feedback under real constraints.

Reliance Jio

Mumbai, India

Software Engineer

Jul 2021 – Nov 2021

- Delivered production features for a large-scale B2B partner onboarding platform and led migration of partner workflows from native Android to responsive web, maintaining full functional parity across platforms.

Rakuten

Bangalore, India

Software Engineer Intern

Jan 2021 – Jun 2021

- Contributed to frontend development on an internal tooling project, gaining early exposure to production codebases and collaborative engineering workflows.