

Uday Girhepunje

Software Development Engineer (Full Stack)

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Full-stack engineer with over three years of experience architecting high-performance web applications, developer tooling, and enterprise AI integrations. Focused on Model Context Protocol (MCP) servers, agentic workflows, frontend performance optimization, and scalable connector patterns with end-to-end delivery from RFC to production.

SKILLS

Languages JavaScript (ES6+) · TypeScript · Java · Python · SQL

Frontend React · Next.js · React Native · Mantine UI · Redux · React Query · Webpack · Vite · HTML and CSS · Cypress

Backend and Cloud Node.js · Express · Spring Boot · Netflix DGS · GraphQL · Temporal · Docker · Kubernetes · AWS · Microsoft Azure · Databricks

Emerging Tech & AI Model Context Protocol (MCP) · Agentic Workflows · LLMs and Prompt Engineering · Vector Embeddings

Tools Cursor AI · Git · Probot · Octokit · WebExtensions API · Jira · CI/CD

PROFESSIONAL EXPERIENCE

Software Development Engineer · AppDirect

Apr 2026 – Present

- Building and enhancing AppDirect's Product Recommendations framework using React.js, Databricks, and GraphQL.
- Architecting connector patterns to standardize ingestion across external APIs and internal vector-search systems.

Software Development Engineer · Devs.ai (An AppDirect Company)

May 2026 – Aug 2026

- Engineered features for an enterprise-grade AI platform enabling users to access leading LLMs and build custom AI workflows.
- Implemented spec-driven development with Next.js, TypeScript, and Temporal workflow orchestration for resilient agent execution.

Associate Software Development Engineer · AppDirect

Jul 2023 – Apr 2026

- Improved Marketplace Checkout Largest Contentful Paint (LCP) by 45%, reducing checkout steps from 3 to 2 and splitting monolithic REST APIs into tiered GraphQL queries.
- Built distributor catalog onboarding flows using React Query, Spring Boot, and Netflix DGS GraphQL framework.
- Built PullPanda, an LLM code-review agent deployed across 26+ repositories and 5,150+ pull requests, reducing false positives by 50%.
- Served as React and Checkout domain expert; mentored two junior engineers and interns through technical delivery.

Software Development Engineer Intern · AppDirect

Oct 2022 – Jun 2023

- Built a Web3 payment connector and verified end-to-end crypto test transactions.
- Introduced Cypress UI and API test automation adoption, increasing coverage by 42%.
- Migrated legacy REST APIs to GraphQL for the checkout micro-frontend.

Future Ready Talent Intern · Microsoft

Oct 2021 – Jan 2022

- Developed an e-commerce platform for merchandise and deployed it on Microsoft Azure cloud infrastructure.

EDUCATION

B.E. in Computer Engineering (CGPA 8.9)

2019 – 2023

Modern Education Society's Wadia College of Engineering, Pune

ACHIEVEMENTS

- Two-time winner, AppDirect Global Hackathon (including 2025 AI-Powered Checkout Assistant with MCP).
- Won Web Dev Heist organized by Google Developer Student Clubs.
- Microsoft Azure cloud fundamentals and deployment certification.