Krishna Paul

Backend & DevOps Engineer · Node.js, TypeScript · Docker, Kubernetes, CI/CD

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SUMMARY

Engineer with 6 years of experience who designs systems and keeps them shipping. Led architecture across 10+ platforms, owned DevOps for 20+ services with containers, CI/CD, preview environments and runbooks, and built complete backends for production apps. Author of Gati, a contract-driven TypeScript backend framework, and Utho CDK, a typed SDK and CLI for Utho Cloud.

EXPERIENCE

Founding Engineer, examday.ai (Bolimart Pvt Ltd) · *Gurugram, Haryana* **Feb 2026 – Present**

- Set up MCP servers, VS Code extensions and internal tools that speed up how the team builds and tests.
- Took the examday.ai app from zero to launch on Android, iOS and the web.

Software Engineer, Csharptek (Cloudgarner Solutions Pvt Ltd) · *Ranchi, Jharkhand* **Feb 2025 – Feb 2026**

- Led system design and architecture across 10+ web, mobile and backend platforms.
- Owned DevOps for 20+ services: containerisation, CI/CD pipelines, ephemeral preview environments and production runbooks.
- Designed and built the complete backend for Trunking Recorder, a live and recorded radio platform for law enforcement, and deployed it to QA and production.
- Technical and client-facing lead for 15+ stakeholders: requirement discovery, specifications, cross-team coordination and delivery.

React.js Developer, Daynil Group Solutions Pvt Ltd · *Remote* **Nov 2022 – Dec 2024**

- Integrated 32 third-party APIs into the CashBook fintech platform.
- Built 20+ interfaces for BioFlow, Celltrio's cell-culture lab automation platform, improving usability and accessibility by 43%.

Software Engineer, Frontend, Zeeve DeepTech Pvt Ltd · *Dehradun, Uttarakhand* **Apr 2022 – Oct 2022**

- Designed APIs with the backend team for smooth data flow between the frontend and blockchain services.
- Built onboarding and registration dashboards on the Phaeton blockchain, raising user landings by 121%.

Software Engineer (joined as Junior), Distronix LLC · *Kolkata, West Bengal* **Nov 2020 – Mar 2022**

- Shipped 5 apps through CI/CD with over-the-air updates and integrated 12 third-party services.
- Sole frontend developer through COVID; built 30+ web and mobile apps for city agencies (NKDA, WBPCB) and businesses.

SELECTED PROJECTS

- **HERD** – Work management hub; containerised it and set up CI/CD, preview environments and runbooks. getherd.ai
- **Trunking Recorder** – Live and recorded radio platform for law enforcement; designed and built the whole backend and deployed it to QA and production.
- **Lets Partii backend** – Express.js monorepo for bookings, payments, chat and notifications; designed the architecture and ran deployments. letspartii.com
- **Gati** – TypeScript-first, contract-driven backend framework, published on npm. krishnapaul.in/gati
- **Utho CDK** – Typed SDK, CLI and browser bundle generated from Utho Cloud's OpenAPI spec. npm: utho-cdk

SKILLS

Backend & DevOps: Node.js, Express.js, tRPC, REST APIs, microservices, MQTT, system design, Docker, Kubernetes, AWS, CI/CD, preview environments

Web: React, Next.js, TypeScript, JavaScript, HTML, CSS, Redux, Tailwind CSS, Material UI, Bootstrap, Chakra UI, PWA

AI & testing: LLM features, streaming chat, MCP servers, Claude Code, GitHub Copilot, Codex, device farms, Maestro E2E, regression and stress testing, TDD

Mobile: React Native, Expo, Android, iOS, Kotlin, Swift, Jetpack Compose, NFC, maps and location, OTA updates, Play Store and App Store releases

Tools: Git, GitHub, GitLab, Bitbucket, VS Code, Android Studio, Xcode, Figma, Postman, Jira, Asana, Slack

Languages: English (fluent), Hindi (fluent), Bengali (intermediate)

EDUCATION

MCA, University of North Bengal, Siliguri, 2017 – 2020 · 7.59 CGPA | **BCA**, P.P.K. College, Ranchi University, 2014 – 2017 · 83.33%