Krishna Shende

Full Stack Developer | Bachelor's in Data Science & AI, IIT Guwahati

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ABOUT

Final-year Bachelor's student in Data Science & AI at IIT Guwahati. I have worked on internal tools and client products across education, healthcare, mental wellness, and fintech, contributing to web and mobile apps, backend APIs, deployments, and production fixes. I like taking features from requirements to release and learning the parts of the stack needed to get them working properly.

EXPERIENCE

Physics Wallah LeapX — **Aug 2025 - Present**

Full Stack Developer Intern — *Dec 2025 - Present*

- Built and shipped full-stack features for the PWIOI Student Portal using Next.js, Node.js, Express.js, and REST APIs. Developed authentication, role-based access control, multi-centre workflows, admin features, and student-management functionality for a platform used by 800+ students.
- Tested APIs, debugged production issues, and supported deployments using Docker and AWS; used Sentry and PostHog for error monitoring and product analytics.

Mobile Developer Intern | React Native — *Aug 2025 - Nov 2025*

- Worked on internal tools and existing mobile applications using React Native and Expo, contributing to feature development, maintenance, and production fixes.
- Integrated mobile screens with REST APIs and worked on forms, authentication flows, loading states, error handling, and core application workflows.
- Tested features across devices and used Sentry and PostHog to investigate crashes, errors, and user events around releases.

Projects Worked During the Internship — **Nov 2025 - Present**

YourLab - Healthcare Appointment Platform | https://www.yourlab.in/ — *Jun 2026 - Sep 2026*

- Developed a React Native app and Next.js CMS with a Node.js/Express backend on AWS; built booking, cancellation, doctor-management, and appointment-scheduling workflows.
- Tested primary user journeys and resolved product issues before release in collaboration with the product team.

Souli - Mental & Emotional Wellness Platform | https://souli.help/ | drive.google.com/file/d/1CH3aHHR… — *Dec 2025 - May 2026*

- Built a React Native app and Next.js admin dashboard with Node.js/Express and a FastAPI/LangChain layer; implemented authentication, mood tracking, chatbot workflows, and REST APIs.
- Used AWS for deployment, Sentry for error monitoring, and PostHog for product-event tracking and usage insights.

Sahiloan - Fintech Lending Platform — *Nov 2025 - Jan 2026*

- Built a React Native app, Next.js admin dashboard, and Node.js/Express backend on AWS; worked on loan application, approval, disbursement, repayment, and tracking workflows.
- Tested financial workflows and edge cases to maintain data consistency across the customer application and admin dashboard.

OPEN SOURCE CONTRIBUTIONS

Cognee | https://github.com/topoteretes/cognee/pull/3308

- Implemented lazy PostgreSQL DB recovery by running migrations and retrying default-user lookup for fresh environments.

Coral | https://github.com/withcoral/coral/pull/1082

- Added provider-native Gmail search and joinable message metadata for cross-source workflows.

SKILLS

Languages: TypeScript, JavaScript, Python
Frontend: Next.js, React
Backend & Data: Node.js, Express.js, FastAPI, REST APIs, PostgreSQL
Mobile: React Native, Expo
Cloud & DevOps: AWS, Docker
Observability: Sentry, PostHog
AI & Agentic Systems: LangChain, LangGraph, CrewAI, Ollama

EDUCATION

Bachelor's in Data Science & AI | IIT Guwahati — *Expected 2027*

ACHIEVEMENTS

- 1st Runner-Up, Coinbase Hackathon
- 2nd Runner-Up, Future and Fusion Challenge by Physics Wallah
- Attended Y Combinator Startup School India 2026