

Arin Jain

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EDUCATION

Baderia Global Institute of Engineering and Management

Bachelor of Technology in Computer Science and Engineering; CGPA: 7.88/10.0

Jabalpur, India

Aug 2022 - Aug 2026

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Distributed Systems, Machine Learning, System Design

SKILLS SUMMARY

- **Programming Languages:** JavaScript, TypeScript, Python, SQL
- **Frontend Technologies:** React.js, Next.js, Tailwind CSS
- **Backend Technologies:** Node.js, Express.js, FastAPI
- **Databases:** MongoDB, PostgreSQL
- **Tools and Platforms:** Git, GitHub Actions, Docker, WebSockets
- **Cloud and Systems:** Distributed Systems, AWS(S3, Lambda, EC2), Vercel, Render, Scalable Architecture Design

EXPERIENCE

SleekSky Technologies Pvt. Ltd.

Remote

Full Stack Developer Intern, NudgePlay

Jan 2026 – Present

- Leading backend development for NudgePlay, a customizable game creation platform supporting web, mobile, and desktop deployments.
- Designed and maintained Node.js and Express REST APIs, owning AWS S3 asset storage, AWS Lambda-based asynchronous workflows, and secure backend integration with a Next.js frontend.
- Designed and managed PostgreSQL databases using Sequelize ORM, handling schema design, migrations, and relational data integrity for user, game, and configuration data.

Website Developer Intern, SleekCMS

Nov 2025 – Dec 2025

- Built a dynamic website generation system using EJS and Tailwind CSS, enabling non-technical users to create full websites through structured inputs.
- Implemented reusable layouts, wildcard routing, and dynamic content rendering with clean separation of layout, content, and data.

PROJECTS

- **Rootly: IDE-Native Production Crash Detection System:** Architected and deployed an end-to-end developer tooling system (runtime SDK + ingestion API + PostgreSQL + VS Code extension) that captures unhandled Node.js production crashes, applies fingerprint-based deduplication (10s window) and burst rate-limiting (20/min), maps stack traces to Git commit SHAs, and surfaces incidents directly inside VS Code to reduce debugging context switching.

Tech: Node.js, TypeScript, Express, PostgreSQL, GitHub OAuth, REST APIs

[Live Demo](#) — [GitHub](#)

- **Learning's Hub: Community-Driven Learning Progress Tracking Platform:** Architected and deployed a full-stack web application enabling users to create, fork, rate, and track structured DSA and programming learning paths. Designed a normalized relational schema (7+ tables) supporting list version lineage, hierarchical sections/topics/resources, user progress tracking, and aggregate rating metrics. Implemented JWT-based authentication, email-based password reset (SendGrid), and IP-based rate limiting to secure public APIs.

Tech: React (Vite), Node.js, Express, PostgreSQL, JWT, Bcrypt, SendGrid, TailwindCSS

[Live Demo](#) — [GitHub](#)

- **Task Flow: Real-Time Project Management Platform:** Engineered a real-time Kanban and calendar-based collaboration system with chat, whiteboard, and notifications; optimized MongoDB indexing to reduce query latency by 60% and maintained P95 API latency under 180ms.

Tech: React.js, Tailwind CSS, FastAPI, MongoDB, WebSockets

[Live Demo](#) — [GitHub](#)

HONORS AND AWARDS

- AI in Healthcare Hackathon Winner - Secured first place among 120+ teams for developing AI-driven Solutions
- Smart India Hackathon 2024 Finalist - Selected as top 5 Finalist in PS: Drug Inventory and Supply Chain Management System
- HackOrbit 2025 National Hackathon - Achieved 8th place ranking among 600 plus participating teams nationwide

LEADERSHIP EXPERIENCE

Founder and President, Coding Era!

Jabalpur, India

Established city-level technology community and organized coding workshops for 200 plus students

2023 - Present

Google Student Ambassador, Workshop Lead

BGIEM

Conducted Gemini AI technical workshops and hands-on training sessions for 100 plus students

2024 - Present

Vice Chair, IEEE Student Branch

BGIEM

Managed event planning, budget allocation, and student engagement initiatives for technical programs

2023 - 2024