JATIN

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EDUCATION

SRM Institute of Science and Technology — *Chennai, Tamil Nadu*
BTech in Computer Science and Engineering — *Sept 2022 – May 2026*

EXPERIENCE

SDE Intern | *Node.js, TypeScript, React Native, AWS CDK, Serverless* — *April 2024 – Current*
Emendo — Remote, US

- Engineering a **React Native app** for **construction management**, automating **material tracking and ledger updates** to save contractors hours of manual work.
- Developing services for **real-time extraction and processing** of receipts and documents, enhancing workflow efficiency.
- We are designing **cost-effective serverless architecture** using **AWS CDK**, reducing infrastructure costs while maintaining scalability and high availability for real-time data processing.

App Development Intern | *Flutter, Dart, WiFi Modules, ESP* — *Sep 2023 – Dec 2023*
Climec Labs — Chennai, Tamil Nadu

- Developed a **cross-platform IoT application** for air purifiers, enabling users to **control devices, fan speed and monitor air quality** in real-time through an intuitive interface.
- Implemented **data visualization dashboards** to display **air quality metrics**, helping users track performance and make informed decisions.

PROJECTS

KzCMS | *Node.js, TypeScript, AWS S3* — Github

- **Co-led** the development of the CMS. Designed and implemented **role-based access control** and **real-time content publishing** features.
- Integrated **AWS S3** for scalable **digital asset management**. Streamlined media storage and sharing for clients.

TinyBits | *GoLang, PostgreSQL, Redis, Remix, TypeScript* — Github

- Developed a robust **URL shortener in GoLang** and later **transformed** it into a full-stack application using Remix.
- Implemented **Redis for efficient caching** and **PostgreSQL for data storage** without relying on an ORM, enhancing performance and database management.

POSITION OF RESPONSIBILITY

Associate Technical Lead, SRMKZILLA — *Oct 2022 – April 2024*
Led tech projects, guided a team of 20+ members, and organized workshops to support the club's technical growth.

Associate Technical Lead, Google Developers Students Clubs SRM — *April 2023 – July 2024*
Built an app to manage events, making it easier to organize and track participants.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Dart, Python, Go, SQL, C and C++
Frameworks: ReactJS, NextJS, Flutter, React Native, AstroJS
Development and Cloud: NodeJS, AWS CDK and AWS SDK (including S3, EC2, SQS, SNS, RDS), Docker, Linux Servers, Nginx Proxy and Hosting
Databases: MongoDB, PostgreSQL, MySQL, Supabase, Firebase
Developer Tools: Git, Docker, VS Code, Xcode

HACKTHONS AND PRIZES

Innerve, AIT, Pune — *Educative.AI, an EduTech product, placed us in the top five overall at the finals.*
Hacknova, Newton School Coding Club — *Secured 2nd Position winning a prize pool of Rs. 10,000*