JATIN

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EDUCATION

SRM Institute of Science and Technology *Chennai, Tamil Nadu*
B.Tech in Computer Science and Engineering *Sept 2022 – May 2026*

EXPERIENCE

Software Engineer Intern | *Kotlin, Spring, PostgreSQL* *May 2025 – Present*
Headout Hybrid, India

- At Headout's Hub POD, Contributing to **Hub — the listing and management dashboard for experiences** — and **Creators — the platform for our Travel Creator Program**.

SDE Intern | *Node.js, TypeScript, React Native, AWS CDK, Serverless* *April 2024 – May 2025*
Emendo Remote, US

- Engineered a **React Native app** for **construction management**, automating **material tracking and ledger updates** to save contractors hours of manual work.
- Developed services for **real-time extraction and processing** of receipts and documents.
- Built a **cost-effective serverless architecture** using **AWS Lambdas**, 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*
Led a team to develop an internal event management app, streamlining event organization and participant tracking.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Kotlin, Dart, Python, Go, SQL, C and C++
Frameworks: ReactJS, NextJS, Flutter, React Native
Development and Cloud: NodeJS, AWS CDK and AWS SDK (S3, EC2, SQS, SNS, RDS), Docker, Linux Servers, Nginx
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*