# Keerthan K Acharya

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## SUMMARY

Results-driven **Software Development Engineer** and **Full-Stack Developer** with a proven ability to architect and deliver scalable applications. Experienced in building systems using **React** and **Node.js** with **REST APIs, RBAC systems,** and **real-time features**. Passionate about **clean code, system design**, and **solving real-world problems**. Seeking an opportunity to apply skills, contribute to growth, and foster my professional development.

## EXPERIENCE

**1) Incresco Technology Solutions Pvt.Ltd** - *On-Site*                                      *June 2025 - Present*
*Software Engineer - Intern*

- Developed a hotel and travel platform for a European brand with **100+ properties**, supporting bookings, concierge, implementing **real-time room inventory management** and **dynamic pricing engine** with seasonal rates
- Built **enterprise RBAC system** and **admin dashboards** with **25+ permission types**, featuring **Material-UI components**, **Excel import/export capabilities**, and **Google Analytics and Whatsapp API integration**.
- Engineered modular e-commerce system using **Medusa.js** framework with **15+ custom modules, Redis caching**, and **AWS S3 storage** for **1000+ digital assets** with integrated **Razorpay/Stripe** payment processing.

**2) Bluestock Fintech Pvt.Ltd** - *Remote*                                      *May 2025 - June 2025*
*Software Development Engineer(SDE) - Intern*

- **Led full-stack development** of a IPO web app **(Django + React)** with **100% feature parity**.
- Designed and deployed **RESTful APIs** handling **10,000+** IPO records, with secure PDFs (DRHP/RHP).
- Managed a cross-functional team of 10 interns, enforce **secure auth**, and **optimize MongoDB** for **sub-100ms**.

## PROJECTS

**1) SurakshaPath - Hackathon Finalist**                                      *May 2025*
*React.js + Vite, Python(for ML), Flask*

- Implemented SurakshaPath, a **full-stack** safety route planner in 24 hours during a national-level hackathon (130+ teams), using **React, Node.js,** and **Leaflet.js** with **less than 2s load time** on Vercel.
- Formulated a **Python-based ML pipeline (85% accuracy)** using **scikit-learn** to classify **500+ news articles** as **'risky' or 'safe'** and extract **geo-coordinates** for **real-time risk mapping** on a **heat-layered map.**
- Programmed a secure SOS alert system using **Node.js** and **geolocation** to instantly notify **5+ emergency contacts** and **emergency services**, reducing manual alert time by over **70%** in simulated test cases.

**2) VTU Youth Fest Platform – Freelance Project for VTU, Belagavi**                                      *March 2025*
*JavaScript, TypeScript, Prisma ORM, PostgreSQL*

- Headed the **full-stack development** of a **high-traffic** event registration platform for VTU's statewide cultural fest, handling **70+ requests/minute** and enabling participation from **100+ colleges** and **3,500+ users**.
- Structured a scalable back-end using **Prisma ORM** and **PostgreSQL**, supporting more than **10,000 database transactions** across registration and scheduling with **secure authentication** and interactive dashboards.
- **Recognized as Technical Head;** directed a **30-member student team** in **system architecture, agile execution, testing, deployment**, and **end-to-end delivery** of the platform within a **3-month deadline.**

## EDUCATION

**Global Academy of Technology, Bengaluru, India**                                      *February 2026*
*B. E. - Information Science and Engineering*                                      *CGPA: 8.7*

## SKILLS

Angular.js | Next.js | Tailwind CSS | Node.js | Express.js | GraphQL | Docker | Git | GitHub | Vercel | REST APIs | Figma | OOP | DBMS | DSA | Operating Systems | Computer Networks | Agile | CI/CD | Firebase Auth | MS Office

## CERTIFICATIONS

JAVA Foundation | Web Development | Data Structures | Python | UNIX/LINUX

## ACHIEVEMENTS

**1) Top 10 Finalist**
For developing Surakshapath out of 130+ teams in a 24-hour national-level hackathon.

**2) Secured second place in a technical event at college** - *Received cash prize and medal*
Created a food delivery application using python which operated on terminal which was developed within 1 hour.

**3) Secured third place in a technical event at college** - *Received cash prize*
Solved various challenges such as blind coding, DSA, logical reasonning etc.

**4) Represented Karnataka at National Sports and Games in Kabaddi**