

# KEVIN T

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## PROFESSIONAL SUMMARY

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Second year Computer Science undergraduate shipping production systems. Currently in a Founder's Office engineering flexible part time role at an early-stage startup, building investor ready prototypes and restoring backend reliability. Independently built and maintaining India's first native sunrise forecast serving 100+ daily API calls at sub-500ms p95 latency with 99.9% uptime. Seeking summer 2026 internships in software engineering, product engineering, or applied AI roles.

## EXPERIENCE

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### Founder's Office Intern - Technical Product & Engineering | **MOVZZ** | Chennai, India

February 2026 - Present | Part Time (flexible)

- Built a 6-screen mobile prototype (1,600+ lines React) with Chennai map integration via Leaflet, real provider data from Uber, Ola, Rapido, and Metro, used in investor and stakeholder demonstrations.
- Designed reliability focused UX with Best, Cheapest, and Premium tagging, reliability score visualization, and a branded guarantee to differentiate the platform from direct provider apps.
- Restored and refactored a mode specific backend fare estimation engine with surge pricing, airport premiums, road distance correction, and tiered pricing, validated against Chennai market data.
- Resolved critical backend regressions across import chains, runtime bugs, and API response mismatches, restoring full TypeScript compilation and achieving 52/52 unit tests passing.
- Collaborated directly with the Founder and CTO on architecture decisions, integration reviews, and engineering process improvements including PR review discipline.

## EDUCATION

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### Vellore Institute of Technology (VIT), Chennai

Bachelor of Science in Computer Science with Data Science | CGPA: 8.98/10 (3.59/4.0)

July 2024 - Present

### Sri Ramana Vidyalaya MMHSS, Rajapalayam

HSC: 81% | SSLC: 92.4%

## PROJECTS

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### Seaside Beacon v2 | **India's First Native Sunrise Forecasting Platform & Native iOS App**

January 2026 - Present | Independent Project | [www.seasidebeacon.com](http://www.seasidebeacon.com) | [github.com/kevint1814/seaside-beacon\\_public](https://github.com/kevint1814/seaside-beacon_public)

- Built a full stack platform evaluating 11 atmospheric parameters through a proprietary scoring algorithm to generate sunrise quality scores across 4 beaches with 6 verdict tiers and beach specific recommendations.
- Developed a native SwiftUI companion app with GPU-accelerated Metal shader animation at 30 fps, CoreMotion gyroscope parallax at 60 Hz, and a premium card-based interface.
- Architected a fault tolerant three-tier AI cascade (Gemini 2.5 Flash, Groq Llama 3.3 70B, deterministic rules) efficiently serving dual audience outputs at 100+ daily API calls with under 500ms p95 latency.
- Engineered a Node.js/Express backend with parallel beach fetching, three layer caching, Google OAuth, Razorpay subscription billing, idempotent webhooks, and a Telegram assistant with context-aware rate limiting.
- Improved email deliverability from 0% to 9.5/10 Mail Tester score through SPF, DKIM, and DMARC authentication with dual provider failover (Brevo + SendGrid).
- Achieved 95+ Lighthouse score, sub-second mobile load times, 99.9% uptime, and zero infrastructure cost on free-tier deployment (Render, MongoDB Atlas, Vercel).
- Actively maintaining and expanding the platform with multi beach rollout adding new coastal locations with individually calibrated scoring parameters, localized camera settings, and beach specific atmosphere baselines to scale coverage beyond the initial 4 beaches.

## **VetLayer | AI Recruiter Decision Intelligence Platform**

March 2026 - Present | Independent Project

- Building a recruiter intelligence platform after conducting a study with HR professionals on the importance and scope of VetLayer, that analyzes CVs to evaluate metrics like skill depth, risk signals, and to provide structured interview guidance for hiring decisions.
- Developing a Full Stack SaaS system using React, FastAPI, PostgreSQL, and LLM Pipelines to extract capabilities, identify gaps, and produce recruiter ready intelligence briefs.
- Implemented multi candidate batch evaluation pipelines that rank applicants against requirements using skill coverage, proficiency depth, experience signals and education weighting.
- Designed explainable decision outputs including risk flags, evidence-based strengths, gap analysis, and intelligence powered interview questions, assisting the recruiter evaluation clarity.

## **Network Outage Analysis & Automation Tool | National Level Hackathon**

December 2024 | [github.com/kevint1814/Mystique-Log-Dashboard](https://github.com/kevint1814/Mystique-Log-Dashboard)

- Built a telecom log analysis prototype using LLM integrations to identify probable outage root causes and accelerate fault diagnosis workflows.
- Reduced manual diagnostics time by 40% and placed 12th among 100+ teams in a Nokia/Prodapt national level hackathon.

## **TECHNICAL SKILLS**

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- Languages: Python, JavaScript, TypeScript, Swift, Java, C, C++
- Frameworks & Web: React, Node.js, Express.js, REST APIs, HTML5, CSS3, FastAPI
- iOS Development: SwiftUI, Metal Shaders, CoreMotion, Core Graphics, XcodeGen
- AI & Data: LLM API Integration (Groq, Gemini, GPT, Claude), Prompt Engineering, JSON Structuring, Data Analysis
- Databases: MongoDB Atlas, MySQL
- Cloud & DevOps: Vercel, Render, GitHub Actions, UptimeRobot, CI/CD Pipelines
- Tools: Git, Postman, VS Code, Jupyter Notebook

## **LEADERSHIP & CAMPUS INVOLVEMENT**

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### **General Secretary | Artificial Intelligence Club, VIT Chennai**

September 2025 - Present

- Lead strategic planning and execution of AI focused events, workshops, and technical sessions for one of the campus's leading student communities, which earned Best Technical Club Award in 2025.

### **Member, IQAC Student Chapter | VIT Chennai**

January 2026 - Present

- Selected by the department head to contribute to institutional quality assurance and improvement initiatives across academic and administrative processes.

### **Program Representative | BSc Computer Science with Data Science, VIT Chennai**

July 2024 - Present

- Represent the student cohort as liaison between students and faculty, supporting communication, issue resolution, and program coordination.

## **CERTIFICATIONS**

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- DevOps and Software Engineering Professional Certificate - IBM on Coursera (In Progress)
- Machine Learning - University of London on Coursera
- Google AI Essentials - Coursera
- Microsoft 365 Essentials Word, Excel, PowerPoint, Outlook - Udemy