

# Nagaraj Neelam

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## SKILLS

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**Programming Languages:** C, C++, Python, Java, JavaScript

**Frameworks:** Typescript, React.js, Node.js, Express.js, FastAPI, Langchain, Langgraph.

**Databases:** MySQL, PostgreSQL, MongoDB, AWS RDS, AWS DynamoDB.

**Tools:** Linux, Postman, Prisma, Supabase, Docker, Git, GitHub, AWS, Google Cloud.

## EXPERIENCE

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### Secure Blink Tech Private Limited - Backend Developer Intern

Sept 2025 - Nov 2025

- Worked on a large serverless backend with **50+ serverless microservices**, fixing 12+ production bugs, and contributing to the **AWS SDK v2 → v3** migration to improve compatibility and maintainability.
- Designed and developed backend functionality for **AWS Marketplace** integration, contributing to end-to-end integration flow and business logic.

### National Institute of Technology Warangal - Research Intern

May 2025 - July 2025

- Designed and developed MediLocker, an **AI-powered decentralized health locker** used by **100+ users**, standardizing medical records into HL7 FHIR-compliant EHRs aligned with ISO 13606, Indian EHR Guidelines, HIPAA, and GDPR.
- Implemented IPFS storage, **DID-based authentication**, Hyperledger Fabric, and an AI OCR pipeline, achieving **90% data extraction accuracy** while improving data privacy, security, and auditability by **95%**.

### Vitacure Healthcare Private Limited - Backend Developer Intern

April 2025 - July 2025

- Engineered and optimized backend services powering an appointment booking system handling patient records, improving overall **system performance by 35%** and highly reliable healthcare data processing workflows.
- Collaborated with doctors, labs, and developers to design and deploy EHR-compliant healthcare features implemented role-based access and encryption, **reducing data breach risks by 40%** and improving patient experience by **30%**.

## PROJECTS

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**FINTRO** ([link](#)) ([code](#)) | *Next.js, Node.js, FastAPI, Langchain, Langraph, Supabase(PostgreSQL,s3Storage), Google Cloud(Cloud Run)*

- Built an **AI-powered Autonomous CFO** system with **7+ agents** for cashflow forecasting, real-time risk detection, and liquidity alerts, **reducing manual analysis by 70%**.
- Engineered a financial backend processing 1M+ records, delivering real-time insights across 100+ organizations.

**BAAX** ([link](#)) ([code](#)) | *Nodejs, Docker, NPM, PIP*

- Baax accelerated **backend setup time by 95%**, reducing typical project scaffolding from 3-4 hours to under 5 minutes. It is an Open Source cli tool which has been launched on npm and pip and has **2000+ Downloads**.
- Enabled over **5+ frameworks and 3+ databases**, docker integrations with clean, production-ready templates.

## EDUCATION

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### Kakatiya Institute of Technology and Science, Warangal

Oct 2022 - May 2026

*Bachelor of Technology in Computer Science and Engineering, Networks (CGPA: 8.34 / 10.00)*

*Warangal, Telangana*

- **Relevant Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Network Security, Java, Object Oriented Programming, Software Engineering.

## Achievements (Hackathons & Open Source)

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- **Semifinalist** (Top 60 out of 34,000+ Participants) at Nest 2.0 Organized by **Novartis**.
- Featured as a **Top 50 Finalist** among 1600+ participants at **DeepDive 1.0**, Organized by Mercer Mettl.
- Ranked **3430 out of 5.73 Lakh+** Participants in **TCS Codevita 2024**.
- **Finalist** at the **Agentathon 2025** organized by Google Developer Groups for building a Agentic AI solution
- Selected as a **Regional Finalist** at the **NASA Space Apps Challenge 2024** for data optimization.
- Pitched **Vitacure** at **IIT Roorkee** and also securing a **Top 200 Startup** spot at Techfest IIT Bombay 2025.
- Ranked **#317 out of 27,000+** in **GSSoC 2024** with three merged PRs and two backend contributions.
- Secured a **Top 50** position at **PEC Hacks 2024** among 5,000+ teams for developing a legal tech platform.