THOTA SAI VARDHAN

B.Tech CSE 2025 • Immediate Joiner

Full-Stack Developer • React.js | Node.js | Spring Boot | REST APIs

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Vijayawada / Hyderabad / Bengaluru (Open to Relocation & Remote)

PROFESSIONAL SUMMARY

High-impact **Full-Stack Software Engineer (B.Tech CSE 2025, KL University)** with strong competencies across **React.js SPAs, Node.js/Express APIs, Spring Boot microservices**, and relational/document databases (PostgreSQL, MySQL, MongoDB). Proven track record developing production-grade platforms with **JWT/RBAC security, modular RESTful APIs, and double-entry financial ledger logic** delivered through Agile methodologies. Holds **4 industry certifications** (Oracle Java & DB, Salesforce, Aviatrix Cloud Networking, Automation Anywhere). Fast learner with end-to-end full ownership mindset, ready to deliver high business velocity from day one.

TECHNICAL SKILL MATRIX

Frontend:	React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap 5, Redux Toolkit, Axios, Responsive UI
Backend:	Node.js, Express.js, Spring Boot, Java, Python, REST APIs, Microservices, Middleware, JWT Authentication, RBAC
Databases:	PostgreSQL, MySQL, MongoDB, SQLite, Supabase, 3NF Normalization, Indexing, Query Optimization, Spring Data JPA
DevOps & Tools:	Git, GitHub, Docker, Postman, Maven, npm, Linux/Bash, VS Code, CI/CD Actions, Vercel, Render
Core Engineering:	Data Structures & Algorithms, OOP, SOLID Principles, System Design Basics, Agile/Scrum Development

FEATURED PRODUCTION & ENGINEERING PROJECTS

Nexus AI Orchestrator — Autonomous Multi-Agent Workflow Engine — Full-Stack Platform

Jan 2025 – Present

Tech Stack: Node.js • TypeScript • Express.js • React • REST APIs • SQLite • Docker • CI/CD • GitHub

- Architected an autonomous workflow engine executing multi-step agentic pipelines with Directed Acyclic Graph (DAG) task scheduling and dynamic dependency resolution.
- Engineered **12+ RESTful API endpoints** with input validation, JWT auth, structured telemetry logging, and pluggable AI provider adapters.
- Built high-performance interactive dashboard featuring real-time task visualization, live execution metrics, and latency analysis with zero external UI bloat.

InvestaNest Core — High-Throughput Fintech Ledger & Analytics — Full-Stack Platform

2024 – 2025

Tech Stack: Node.js • Express.js • React • Double-Entry Bookkeeping • REST APIs • Docker • CI/CD • GitHub

- Engineered an ACID-compliant double-entry ledger platform guaranteeing $\sum \text{Debits} = \sum \text{Credits}$ across all transfers with immutable journal auditing.
- Built real-time financial analytics evaluating Net Asset Value (NAV), risk-adjusted **Sharpe Ratio**, and dynamic portfolio allocation weighting.
- Constructed interactive obsidian-emerald web console featuring live asset vaults, atomic transfer terminal, and audit table with 100% automated test coverage.

Online Job Portal & Talent Recruitment Engine — Full-Stack Spring Boot & React

Jan 2024 – Jun 2024

Tech Stack: Java • Spring Boot • React.js • MySQL • Spring Data JPA • JWT & RBAC • Postman • Git • Maven

- Delivered dual-portal recruitment system authoring **15+ secure RESTful API endpoints** with JWT authentication and Role-Based Access Control (RBAC).
- Engineered **3NF-normalized relational schema** in MySQL via JPA/Hibernate; optimized multi-table JOINs and indexed search, **reducing latency by ~40%**.

EDUCATION

B.Tech in Computer Science & Engineering
KL University, Vijayawada — **CGPA: 7.79 / 10 | 2021 – 2025**

Intermediate (Class XII, MPC)
Sri Chaitanya Junior College, Vijayawada — **852 / 1000 | 2019 – 2021**

Secondary School Certificate (Class X)
Dr KKR Gowtham School, Gudivada — **CGPA: 8.7 / 10 | 2018 – 2019**

INDUSTRY CERTIFICATIONS

- ✓ **Oracle Certified Associate** — Java & Database (2024)
- ✓ **Salesforce Certified** — CRM & Business Systems (2023)
- ✓ **Aviatrix Certified Engineer** — Cloud Networking (2023)
- ✓ **Automation Anywhere** — Advanced RPA & Automation (2023)