

Vignesh S Naik

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EDUCATION

Govt Model Engineering College, Thrikkakara <i>B.Tech in Computer Science – APJ Abdul Kalam Technological University</i>	Aug 2021 – May 2025 CGPA: 7.3
TD HSS Thuravoor <i>Higher Secondary – Kerala HSE</i>	Jun 2019 – Mar 2021 97.8%
Kendriya Vidyalaya No 1, Naval Base, Kochi <i>Matriculation – CBSE</i>	Apr 2018 – Mar 2019 89.4%

TECHNICAL SKILLS

Languages: Go (Golang), JavaScript, TypeScript, Python, Bash, C#
Backend & APIs: REST APIs, gRPC, Microservices Architecture
Databases & Messaging: Redis, MongoDB, Kafka
ML / AI Systems: Ranking & Personalization, GenAI / LLMs, ASR, TTS
DevOps & Infra: Git (GitLab), Jenkins CI/CD, AWS, Linux (Ubuntu)
Build & Tooling: Makefiles, Protobuf, protoc, Go Toolchain, systemctl

EXPERIENCE

Software Engineer , redBus India, Bangalore <ul style="list-style-type: none">Designed and maintained backend services in Go and Node.js powering high-traffic booking and personalization workflows.Optimized core sorting and ranking logic in the booking flow, improving relevance and response latency.Integrated Redis for dynamic feature inputs.Developed A/B test-driven features, enabling data-backed iteration and rollout decisions.Contributed to Kafka producers for streaming events used in downstream analytics and ML pipelines.Worked extensively with JSON validation, error handling, and schema-safe API contracts.Deployed and debugged services on AWS stage environments, managing systemd services on Linux.Used Jenkins CI/CD, GitLab workflows, and branching strategies to support production releases.	Jun 2025 – Present
Software Engineer Intern , redBus India, Bangalore <ul style="list-style-type: none">Worked on backend services and experimentation pipelines supporting booking and personalization flows.Contributed to sorting and ranking logic improvements under senior engineer mentorship.Assisted in A/B test rollouts and production debugging.	Jan 2025 – Jun 2025

PROJECTS

Code Visualizer (React, CodeMirror, D3.js, gRPC, Node.js) <ul style="list-style-type: none">Built a tool to visualize data structures and algorithms in real-time.Integrated gRPC; optimized D3 rendering to reduce latency by 30%.	Mar 2025
ChainAsset (React.js, Supabase, Smart Contracts, Moralis) <ul style="list-style-type: none">Tokenized physical assets using NFTs with seamless blockchain integration.Reduced transaction time by 40% and ensured immutability with smart contracts.	Sep 2023 – Apr 2024

LEADERSHIP AND ACTIVITIES

Chairperson, TLE MEC <i>Competitive Coding Club</i> <ul style="list-style-type: none">Led a 12-member team, organized 5+ contests and 3 workshops with 100+ participants.	Jun 2024 – Present <i>Govt Model Engineering College</i>
Web Administrator, Department Site <i>CSE Dept Association</i> <ul style="list-style-type: none">Maintained official department website with 99% uptime and 20% faster backend performance.	Jun 2024 – Present <i>Govt Model Engineering College</i>