

# Vignesh S Naik

vigneshsnaik03@gmail.com | vigneshsnaik.github.io | leetcode.com/u/naik-ji | linkedin.com/in/naik-ji

## EDUCATION

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

## TECHNICAL SKILLS

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

## EXPERIENCE

<b>Software Engineer</b> , redBus India, Bangalore	Jun 2025 – Present
• 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.	
<b>Software Engineer Intern</b> , redBus India, Bangalore	Jan 2025 – Jun 2025
• 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.	

## PROJECTS

<b>Code Visualizer</b> (React, CodeMirror, D3.js, gRPC, Node.js)	Mar 2025
• Built a tool to visualize data structures and algorithms in real-time.	
• Integrated gRPC; optimized D3 rendering to reduce latency by 30%.	
<b>ChainAsset</b> (React.js, Supabase, Smart Contracts, Moralis)	Sep 2023 – Apr 2024
• Tokenized physical assets using NFTs with seamless blockchain integration.	
• Reduced transaction time by 40% and ensured immutability with smart contracts.	

## LEADERSHIP AND ACTIVITIES

<b>Chairperson, TLE MEC</b> <i>Competitive Coding Club</i>	Jun 2024 – Present <i>Govt Model Engineering College</i>
• Led a 12-member team, organized 5+ contests and 3 workshops with 100+ participants.	
<b>Web Administrator, Department Site</b> <i>CSE Dept Association</i>	Jun 2024 – Present <i>Govt Model Engineering College</i>
• Maintained official department website with 99% uptime and 20% faster backend performance.	