

SAHIL KUMAR

Software Development Engineer | Node.js, JavaScript, TypeScript, Golang, PostgreSQL

Professional Summary

Software Development Engineer with 3.6+ years of experience building scalable, cloud-based, multi-tenant enterprise applications using JavaScript, TypeScript, Node.js, Golang, and PostgreSQL. Strong background in backend system design, clean code practices, security-aware development, robust testing methodologies, performance optimization, and Agile development. Proven ability to collaborate with cross-functional and distributed teams to deliver enterprise-grade, low-maintenance software solutions.

Technical Skills

Frontend: React.js, JavaScript (ES6+), HTML, CSS

Backend: Node.js, Express.js, REST APIs, Microservices, Golang

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & Delivery: AWS (EC2, S3, Lambda, RDS), Docker, CI/CD Pipelines

Security: Authentication & Authorization, Secure API Design

Testing: Unit Testing, Integration Testing, Test-Driven Development (TDD), Jest / Mocha

Ways of Working: Clean Code, Code Reviews, Performance Optimization, Agile / Scrum

Professional Experience

Software Development Engineer – II | ConnectWise (Feb 2025 – Present)

- Built and scaled backend services for a large multi-tenant SaaS platform supporting thousands of tenants and high-volume enterprise data.
- Developed scalable Node.js and Golang-based REST APIs with a strong focus on performance, reliability, and maintainability.
- Designed backend components aligned with enterprise-grade reliability and low operational overhead.
- Implemented authentication, authorization, and secure API design to protect multi-tenant data.
- Applied clean code principles, peer code reviews, TDD, and integration testing to ensure high code quality.
- Worked with CI/CD pipelines to automate build, test, and deployment workflows in an Agile environment.

Software Engineer | Incture Technologies (Aug 2022 – Feb 2025)

- Developed enterprise backend services using Node.js, JavaScript, and Golang for digital business applications.
- Designed and implemented RESTful APIs integrated with SAP systems (SAP DMS) to enable enterprise document management and business workflows.
- Worked with PostgreSQL and MongoDB, optimizing schemas and queries for performance and scalability.
- Enforced role-based access control, server-side validations, and secure integrations in enterprise environments.
- Followed best engineering practices including testing, automation, and code reviews while working in Agile teams.

Education

Bachelor of Engineering (B.E.) – Electronics and Communication Engineering

Siddaganga Institute of Technology, Tumkur

2018 – 2022 | CGPA: 7.8