Gautham Anith Nair

Product & Software Engineering | Full-Stack | Systems & Automation
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Professional Summary

Software engineer and product-minded builder with nearly four years across automotive systems and shipped SaaS products. Owned CI/CD and test automation that cut integration time by 75% and regression runtime by 50%; engineered a scraping platform with 99.9% uptime for 1,000+ accounts. Co-founded a software agency delivering web apps, dashboards, and AI workflows—driving discovery, roadmap prioritization, and delivery end to end. Pursuing an M.S. in Technology Innovation at the University of Washington.

Work Experience

Zenith Media Labs Nov 2023 – Sep 2026
Co-Founder & Tech Lead, Software & Product Development *Remote*

- Owned product discovery through shipped releases for client software—scoped roadmaps, prioritized backlog with stakeholders, and coordinated engineering delivery from design to production.
- Led software services across ecommerce platforms, custom web apps, dashboards, and marketing sites; translated customer needs into technical specs and iteration cycles.
- Built AI and automation workflows (n8n, Python tooling) that improved content production and operational throughput for client teams.
- Co-founded the company and led technical direction while scaling a 10-member product and engineering team.

Tata Elxsi | Client: Jaguar Land Rover Jul 2023 – May 2025
Software Engineer, Body Control Module *India*

- Automated CI/CD builds with GitLab and Jenkins in partnership with integration teams, reducing software integration time by 75%.
- Built a Python regression-test framework integrated with VectorCAST, cutting test execution time by 50%; analyzed failures and drove issue resolution.
- Developed AUTOSAR Classic modules in Embedded C for the Body Control Module with 100% MISRA-C compliance.
- Ranked top 10% of a 40-member team ("Highly Effective"); received Extra Mile Award (2024).

Tata Elxsi | Client: Harman Sep 2022 – Jul 2023
Engineering Intern, Active@TE Program *India*

- Co-developed a thermal-protection system for amplifier ECUs and implemented reusable I^2C driver code.
- Implemented automatic gain-control algorithms to keep amplifier operation within safe temperature thresholds.

Technical Projects

CaterReady | AI Hyperlocal Catering Ops Platform caterready.online

- Designed and shipped product workflows for quotes, event ops, and settlement; used AI to turn menus and WhatsApp notes into reviewable operational work without forcing client accounts.

Hindsight | Social Account Analytics Platform

- Built analytics tooling for 1,000+ social accounts and a modular Selenium + Apify scraping system with 99.9% uptime; drove discovery through deployment.

Education

University of Washington Sep 2026 – 2028 (expected)
M.S. in Technology Innovation (Connected Devices) · MSTI Merit Scholarship *Seattle, WA*

Sree Chitra Thirunal College of Engineering Jul 2019 – Jul 2023
B.Tech. in Electronics & Communication Engineering, First Class *APJ Abdul Kalam Technological University*

- Coursework: Embedded Systems, Digital Signal Processing, VLSI

Skills

Software & Product: Python, C++, FastAPI, REST APIs, product discovery, roadmap prioritization, stakeholder management, n8n, Selenium, Apify, web apps
Cloud & Data: Google Cloud Platform, PostgreSQL, Supabase, Cloudflare Workers/Pages, Vercel, Railway
Testing & Engineering Tools: Git, GitLab CI/CD, Jenkins, regression testing, VectorCAST, EB tresos, Jira, Trello
Embedded & Automotive: Embedded C, AUTOSAR Classic, ECU software, I^2C drivers, hardware/software integration, MISRA-C