

# Gowtham S

Software Engineer - Agentic Developer

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## SUMMARY

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Results-driven software engineer with 4+ years of experience delivering production features, automations, integrations, and internal tools in fast-paced SaaS environments. Heavy daily user of AI coding agents including Claude Code, Cursor, Copilot, and spec-driven workflows to accelerate delivery while maintaining engineering quality. Strong at converting ambiguous business problems into structured specs, shipping quickly, and owning features end-to-end.

## SKILLS

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- **AI Development:** Claude Code, Cursor, GitHub Copilot, Spec-Driven Development, AI Refactoring, AI Debugging, Rapid Prototyping, MCP server
- **Engineering:** C#, .NET Core, Angular, TypeScript, JavaScript, Python, REST APIs, System Design
- **Cloud / Data:** Azure Functions, Azure Blob Storage, MongoDB, Redis, Git, Cloudflare

## PROJECTS

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- **URL Shortener Platform** app.gowtham.fun
  - Built production-ready URL shortener using ASP.NET Core (.NET 9), Angular 20, MongoDB, Redis, and Docker Compose.
  - Implemented Google OAuth 2.0 login, JWT authentication, custom aliases, link expiration, and secure link management.
  - Designed per-link redirect strategies with fast 301 mode and accurate 302 tracking mode for performance vs analytics tradeoff.
  - Built click analytics dashboard with 30-day time-series charts and usage insights.
  - Owned full product lifecycle including architecture, backend APIs, frontend UI, database design, deployment, and iteration.

## EXPERIENCE

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- **Kovai.co** Coimbatore, Tamil Nadu  
*Software Engineer* *May 2022 – Present*
  - Improved the Document360 platform by adding new features and resolving issues using Angular 19, and .Net Core, reducing customer support ticket resolution time by efficiently handling L2 & L3 tickets in an Agile environment.
  - Owned and shipped automated custom-domain onboarding with DNS verification + SSL provisioning, reducing manual setup to zero and accelerating enterprise customer activation.
  - Delivered real-time analytics platform handling high-volume events, enabling customer insights, exports, and faster product decision-making.
  - Implemented an AI-powered search and conversational chatbot using MongoDB Vector Search with Retrieval-Augmented Generation (RAG) to deliver context-aware, semantically relevant responses.
  - Built an automated notification system for article/category subscriptions, powered by scheduled background jobs (Azure Functions)
  - Implemented storage queue-triggered Azure Functions to generate export files, store them in Azure Blob Storage, and securely deliver downloadable URLs to users using SAS tokens.

- Developed 10+ extensions enabling seamless access to Document360, driving strong customer adoption. Notable integrations include Freshdesk, Freshservice (FDK), Zendesk (ZCLI), Salesforce (Connected App with Visualforce), Slack, Chrome extension (Manifest V3), Microsoft Teams (Azure Bot), and GitHub-to-Document360 content sync via GitHub bot.
- Built a self-service subscription cancellation workflow in the customer portal with admin panel visibility, management controls, and export capabilities, reducing manual handling effort by 40% and improving operational efficiency.
- Built Python scripts to streamline repetitive workflows such as Azure Pipeline execution and local configuration setup, reducing manual effort and setup time.

- **Codingmart**

Coimbatore, Tamil Nadu

*Software Engineer Internship*

*Aug 2021 – Apr 2022*

- Developed internal HR Management System using Angular to streamline employee workflows.

- **Virtualmaze**

Chennai, Tamil Nadu

*Software Engineer Internship*

*Jun 2021 – Jul 2021*

- Built Angular web application to manage professors' academic activities and records.
- Designed responsive UI and integrated REST APIs for dynamic workflows.

## EDUCATION

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- **Dr NGP Institute of Technology**

Coimbatore, Tamil Nadu

*Bachelor of Technology in Information Technology — CGPA: 8.40*

*Aug 2018 – Jul 2022*