Prabhath Kumar

+91 9535126169 | prabhath.kumar2000@gmail.com | linkedin.com/in/prabhath007 | github.com/prabhath112 | prabhath112.github.io/portfolio

Software Developer with 3+ years in full-stack development, microservices, cloud engineering, and applied AI. Skilled in .NET, Angular, and Microsoft Azure, with hands-on experience building retail POS and back-office systems, migrating legacy solutions to .NET 10, and extending Claude Code with custom skills, agents, and MCP servers.

SKILLS

Languages: C#, TypeScript, JavaScript, SQL, KQL (Kusto Query Language)
Backend: .NET, ASP.NET Core Web API, REST APIs, Webhooks, Microservices, Entity Framework, WCF, SOAP, WPF
Frontend: Angular, HTML5, CSS3, Bootstrap
Cloud and DevOps: Azure (App Service, Service Bus, Cosmos DB, Application Insights), Azure DevOps CI/CD, GitHub Actions
Databases: SQL Server, Azure SQL, Cosmos DB, MySQL
Testing and Practices: MSTest, Moq, FluentAssertions, Playwright, Agile/Scrum, code review, Jira, Postman
AI Tooling: Claude Code skills, agents, and hooks, MCP (Model Context Protocol) servers, LLM APIs
Familiar: Blazor, MudBlazor, Kotlin, Python, React

EXPERIENCE

Junior Software Developer, EG India – Mangaluru, Karnataka Apr 2023 – Present

- Developed full-stack features for retail point-of-sale (POS) and back-office applications used by 19 retail chains, building .NET Web APIs, Angular screens, and integrations with legacy WCF and SOAP services
- Built REST APIs with Swagger docs and partner webhook endpoints across 6 .NET microservices on Azure App Service serving 30+ retail tenants, using Azure Service Bus events and Cosmos DB, SQL Server, and Blob Storage
- Upgraded LIP (Integration Platform) packages with multiple scheduled jobs from v3 to v4, converting projects, migrating configuration and settings, refactoring jobs, and updating Azure DevOps pipelines
- Ported solutions to .NET 10 from .NET Framework 4.8, .NET 6, .NET 8, and .NET Standard 2.0, aligning NuGet packages
- Delivered 150+ Jira tickets across 10+ repositories, analyzing production incidents with Application Insights, Log Analytics (KQL), and POS transaction logs to trace root causes across API, desktop POS, and integration jobs
- Resolved complex production issues across 6 Azure cloud services, from data defects to performance bottlenecks
- Created 11 custom Claude Code skills and 2 agents for team workflows (Jira change requests, Zephyr test cases, .NET and LIP upgrades, POS log decoding, code review), wired to Jira, Confluence, and Zephyr MCP servers
- Configured 15 Claude Code hook events that compress large tool outputs and block oversized reads to save tokens

Freelance Web and Android Developer, Self-employed – Udupi, Karnataka 2020 – 2022

- Delivered responsive websites and Android apps for small-business clients over 2 years using WordPress, PHP, and Java

PROJECTS

GenKeyboard – AI writing keyboard for Android (open source, Apache 2.0) github.com/prabhath112/GenKeyboard

- Forked FlorisBoard and added 9 AI writing actions (grammar, tone, paraphrase, translate, summarize) usable in any app
- Implemented a Cloudflare Worker backend routing 2 LLM providers (Gemini, OpenRouter) with per-device quotas

Azure Insights Dashboard – Internal observability tool, EG India

- Built a Blazor Server dashboard (MudBlazor, ApexCharts) that runs KQL queries against Application Insights for 34 retail tenants, with exception clustering and cross-tenant anomaly detection
- Added an integrated POS API test runner that runs .NET and Playwright suites against 3 Azure test slots
- Packaged the telemetry queries as an MCP server library so Claude Code can query the same data, and deployed on IIS

Oracle – Personal AI assistant: planner agent orchestrates tool-calling agents for calendar, email, and notifications

EDUCATION

B.E. in Computer Science and Engineering Aug 2022
Shri Madhwa Vadiraja Institute of Technology and Management (VTU), Udupi | Angular Certification, Internshala 2024