Benjamin G Nechicattu
Software Engineer

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Experienced Software Engineer with a proven track record of delivering tangible results, backed by 5 years of expertise in application migration, backend development, system integrations, and AI-driven solutions, including agentic AI, with strong experience guiding the entire product lifecycle from inception to successful delivery.

Skills

Languages	:	Golang, Python, JavaScript(Node.Js), SQL
Databases	:	Postgres, Cassandra, MYSQL, Sqlite,
Tools	:	Visual Studio Code, Linux, Powershell, Git

Experience

IBM (Software System Engineer)(Kochi, full time)
Dec 2023 -Present

Software Systems Engineer (Golang, Python, Node Backend). Develop and maintain services as required for WatsonX Orchestrate, Agentic Ai based B2B product.
• Develop and maintain microservices as required for the WatsonX Orchestrate Paltform.
• Developed Tools Runtime Manager where agents can run tools. Manage tool resources and security.
• Developed and maintained Watson Orchestrate Server which uses LLM for reasoning and chat and implemented Ai Agents.
• Integrated Context Forge MCP gateway with WatsonX Orchestrate.

Intellicar Telematics (Software Engineer)(Banglore, full time)
Aug 2022 - Sept 2023

Software Systems Engineer (Golang Backend). Design and develop servers in Golang. Provides assist and support for to the existing infrastructure.
• Designed and developed a proprietary storage application utilizing Google Cloud Platform's Object Store APIs for seamless file management.
• Developed Platform (Trinity) as a marketplace and deployment space for products.
• Developed an application resembling a SIM management platform by integrating APIs from major ISPs like Airtel and Vodafone significantly enhancing operational efficiency and enabling prompt client interactions.

Algomox (Software Engineer)(Banglore, full time)
Dec 2020 - July 2022

Software Engineer (Angular frontend, Golang Backend). Developed and Maintained AiOps which automates ITOps, which collects known performance Indicators (KPI) and Log data of Servers and to analyse them. Maintained servers witten in GoLang, Python and Java.
• Engineered applications for the AIOps platform.
• Developed a robust Ticketing System (CEC) integral to the AIOps Platform, enabling streamlined ticket lifecycle management
• Orchestrated the development of data-fetching APIs, empowering the AIOps Dashboard with real-time insights, and bolstering data-driven decision-making.
• Developed a dynamic Log Collecting Agent, adept at capturing live logs from diverse systems enabling system monitoring and diagnostic capabilities.
• Engineered, end-to-end full-stack application tailored exclusively for Vasanth&Co., orchestrating an intricate billing system with precision and fineness.

Education

B-Tech in Computer Science Engineering (KTU) St. Josephs College Of Engineering and Technology, Palai. (2016-2020)

Miscellaneous

Certification : Architecting with Google Compute Engine Specialization (Provided by GCP, Coursera)

Publication : "Elements: Software for Image Editing Over Voice Commands"
International Journal of Innovative Science and Research Technology.(https://bit.ly/2Nhqpbu)