Steeve Joseph

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SKILLS

- **Languages**: Java/C#, Typescript, Python, Golang, Bash, C, Rust, SQL
- **Technologies**: Azure DevOps, MongoDB, Firebase, Docker, Terraform, Vercel, Reactjs/Nextjs, ASP.NET, Node.js, TailwindCSS, Git/Github, Flask, FastAPI, Langchain, Ollama, MySQL

EXPERIENCE

- **Microsoft**   Redmond, WA
  Software Engineer, Azure Cloud & AI   *05/2019 - Present*
  - **Ev2 Auto Bootstrap**: Using C#/ASP.NET to build REST API that enables one-click production CI/CD pipeline generation in Azure DevOps, facilitating secure planet-scale deployment to Azure cloud via Ev2.
  - **Download Geneva Account**: Built APIs using C#/ASP.NET that bundles all configurations from Geneva Logs, Geneva Monitoring, and Geneva Dashboard accounts and maps them to a user's Metrics account.
  - **Azure DevOps Re-Sync**: Built API in C# allowing engineers to re-sync their source controlled Geneva Monitoring accounts to Azure Devops, reducing Geneva Portal support burden by **30%**.
  - **Metrics Landing Pages**: Used C# and Reactjs to develop API and UI that allowed users to manage Geneva Account metrics and monitors, leading to a **50% reduction** in time to manage production service configurations across multiple accounts.
  - **Dev Build Optimizer**: Used Rust, Go, SWC, and Vite to evaluate options for optimizing/speeding up dev and production builds for ReactJS apps.
  - **Geneva Portal Migration**: Used ReactJS to implement parity features between Geneva Portal and Classic Jarvis Portal, leading to KPIs of **migrating 50%** of systems from Xpert to Geneva and **100% adoption** of Geneva Portal for **40K** customers.
  - **In-App Feedback**: Used ReactJS and C# to implement in-app feedback system, UX for proactive feedback prompts to track portal NSAT (overall satisfaction), and to achieve NSAT score of **185/200**.
  - **Mectrics Experiences UX**: Collaborated with cross-functional teams such as design, Metrics backend, and non-technical stakeholders to deliver embedded metrics experiences UX in ReactJS
  - **Virtual Dashboards**: Built real-time collaborative dashboard service for **20K+ engineers** using C#/ASP.NET and KnockoutJS, **reducing quarterly costs by $2M**.

PROJECTS

- **Retrieval Augmented Generation Docs Chat**: Built a production-level RAG application that allows dev teams to chat with their specific docs or for students to chat with their specific textbooks. Used FastAPI (Python), Azure OpenAI Embeddings, GPT Turbo 3.5, ChromaDB, and Terraform for one-click infrastructure deployment to Microsoft Azure.
- **Desktop GPT**: Developed a cross-platform desktop application that allows users to get AI answers directly from their desktop. Built using Golang, React, TypeScript, and Ollama LLM
- **AI Industry Translator**: Developed a B2B SaaS for due diligence on external industry partners. Flask/Python back-end using MongoDB, OpenAI, & Stripe for payments. ReactJS/Typescript front-end, React Native mobile app, and Docker for serverless AWS deployments.
- **Foundation of Lights Webapp**: Used NextJS and Paypal to create a web application for a community organization that processes **$10K+/mo** in donations and supports **200+** unique users. Leveraged SSR to reduce monthly spend by **36x**, net a **5.3x** speed increase, and consume **20.75x** less data.
- **Location Based Marketplace SaaS**: Led engineering team of 9 in developing MERN stack SaaS web and mobile app for universities of up to **65K students**.

LEADERSHIP

- **Technical Mentorship**: Currently mentoring multiple junior software engineers, previously mentored mid-level engineers from undergrad until new grad.
- **Computer Science Tutor**: Tutored at-risk students in Data Structures & Algorithms, Object Oriented Programming, and Full-Stack Development @ UCF.

EDUCATION

- **University of Central Florida**   Orlando, FL
  Bachelor of Science in Computer Science   *08/2016 - 05/2020*