Vensan Cabardo

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SUMMARY

Detail-oriented and well-rounded Full-Stack Software Engineer with demonstrated proficiency in **Python** and **React**, currently using software development expertise to deliver products that enable greater efficiency and cost savings to clients through the use of **Generative AI**.

EXPERIENCE

Accenture - *Technology Architecture Delivery Senior Analyst*
July 2022 - Present
  - Built a **Generative A**I framework to deliver customized AI solutions to 5+ client teams, reducing client costs associated with manual software development and project management tasks by 90%.
  - Collaborated with product managers, designers, and engineers to gather feature requirements and feedback, translating their needs into technical solutions and developing these prototypes within an Agile workflow.
  - Enhanced the core AI platform by implementing new **Python** backend features, leveraging **LangChain**, **prompt engineering,** and **Azure** to implement customized GenAI solutions for 20+ distinct client use cases.
  - Oversaw the frontend development component of a key web application upgrade by developing 50% of the React components for the update using **TypeScript**, **HTML**, and **Tailwind CSS** with a focus on responsiveness and modularity.
  - Proactively identified areas for improvement, updating 10% of the core backend **Python** code to ensure it adhered to software development best practices with a focus on maintainability and modularity.
  - Developed **REST APIs** using **Python** and **FastAPI** to communicate the complex generative AI agent output to the frontend, and integrated the responses into the React components.

Northrop Grumman - *Software Development Intern, Data Analytics Team*
May 2021 - July 2021
  - Reduced the time needed for locating data extraction failures by 80% by building a web application with **HTML**, **CSS**, **JavaScript**, and **Python** to provide a visual representation of large dataset ingestion for more efficient analysis and troubleshooting.
  - Led the research effort for the adoption of the **Tableau REST API** for **Python** and **JavaScript** to automate 2 core functionalities for the team, reducing the manual effort associated with these tasks by 100%.

Google Inc. - *Software Engineering Intern, Google Growth Team*
May 2019 - August 2019
  - Shortened manual effort in testing time by 85% for the G-Suite internal notifications metrics API by developing an Android application with Java to present organized test results on a custom front-end interface.
  - Developed 10+ user-facing interface improvements over the course of 12 weeks, resulting in a more streamlined testing workflow and a 20% increase in the number of manual testing tasks completed daily.

SKILLS

  - *Programming Languages:* Python, TypeScript, Java, JavaScript
  - *Frameworks and Libraries:* Azure OpenAI, LangChain, Tailwind CSS, React
  - *Tools and Platforms:* Git/GitHub, Azure DevOps, Azure Cloud Platform, MongoDB, CosmosDB
  - *Other:* Agile Development, Object-Oriented Design, Prompt Engineering, HTML5, CSS, Collaboration, Verbal and Written Communication, Data Structures, Algorithms

EDUCATION

New Mexico State University
  - *Master of Science in Computer Science, 4.0/4.0 Cumulative GPA*
  - *Bachelor of Science in Computer Science with Mathematics Minor (High Honors), 4.0/4.0 Cumulative GPA*

CERTIFICATIONS

  - Azure AI Fundamentals (AI-900) Certification, earned March 2025