Owen Anderson

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Experience

J.P. Morgan Chase & Co. — *Software Engineer II*
Tampa, FL • Jan 2024 – Present

- Led cloud migration of 8 Oracle production databases to the internal cloud, enabling an average of 12.8M daily SWIFT transactions totaling $25 trillion
- Built an internal full-stack chat application using Python, React, OpenAI GPT-4, Pandas, and cx_Oracle for natural language SQL query generation and execution
- Fine-tuned an OpenAI LLM to transform SWIFT message testing data in accordance with annual standards, reducing manual transformation time.
- Developed Java Spring Boot application to archive data into Amazon S3 Glacier, optimizing long-term storage and compliance.

J.P. Morgan Chase & Co. — *Software Engineer I*
Tampa, FL • Jul 2021 – Jan 2024

- Rebased 100+ managed file transfer services to new data centers, ensuring continuity of scheduled reporting and audit processes for clients
- Created Java service to extract structured data from SWIFT XML messages via **webMethods Integration Server**.
- Built regression testing suite using **JUnit**, **Cucumber**, and Jenkins

Paraspeech – ML Speech Therapy Mobile App *(Capstone Project)*
Orlando, FL • Jan 2021 - May 2021

- Built a mobile speech therapy app using **React Native**, **Firebase**, and **TensorFlow** to analyze and assist speech patterns.
- Designed responsive UI with end-to-end testing via **Jest** and **Expo**.
- Integrated voice recording, playback, and Firebase connectivity for real-time feedback.

Education

University of Central Florida
B.S. in Computer Science • Orlando, FL • May 2021

Certifications and Skills

Certifications: AWS Cloud Practitioner
Languages & Tools: Languages & Tools: Python, Java, SQL, React, JavaScript, Spring Boot, Git, Jenkins, CI/CD, AWS S3, TensorFlow, Pandas, Hugging Face (familiar), JUnit, Cucumber, Docker (familiar)