

AUSTIN BARRETT

EDUCATION

Hack Reactor - Remote

August 2023

Advanced Software Engineering Certificate

- Completed 700+ hours of paired programming, specializing in full-stack development using Python, JavaScript, HTML5, CSS, Django 4, SQL, and PostgreSQL.
- Engaged in a variety of practical projects, reinforcing theoretical learning with real-world application.

TECHNICAL SKILLS

- **Languages:** TypeScript | JavaScript | Python 3 | HTML5 | CSS
- **Technologies:** PostgreSQL | WebSockets | Redux Toolkit | Microservices | Domain-driven design | Message passing | RabbitMQ | CI/CD
- **Frameworks:** React | Django 4 | FastAPI

PROJECTS

Tasteful

07/2023 - 12/2023

- Developed a Single-Page Application (SPA) using React and Material UI, enhancing the user interface and interactivity with dynamic elements like navigation bars, carousels, and photo previews.
- Utilized FastAPI and JWT to implement backend services, introducing robust user login/logout functionality and efficient data handling for restaurant search and dish queries.
- Employed AWS S3 for image storage and retrieval, enriching the SPA with real-time photo previews for reviews and seamless user and item image management.

Astro

05/2023 - 07/2023

- Streamlined Astro's UI using Material UI/Bootstrap and React, enhancing client inventory view and staff management capabilities.
- Utilized Django for backend services and APIs, improving data handling and real-time updates with polling.
- Implemented a microservices architecture for Astro, enhancing system scalability and ensuring consistent performance.

PROFESSIONAL EXPERIENCE

Ally Financial - Charlotte, NC

02/2024 - Present

Associate Software Engineer - Payments

- Worked on a team of 5 developers responsible for Ally's transfers, debit card, wires, bill pay and eChecks services.
- MVP Developer for April(04/2024) for playing a critical role in transitioning several repositories from Yarn to NPM in a time-sensitive manner.
- Created and maintained comprehensive documentation for our repositories.
- Performed critical bug fixes to ensure seamless operations for our customers.

United States Marine Corps - Marine Corps Base Hawaii, HI

08/2016 – 08/2021

Signals Intelligence and Electronic Warfare Operator/Analyst

- Deployed and maintained signals collection gear and systems, coordinating with team leaders and platoon commanders.
- Led an Electronic Warfare Team, ensuring personal and professional readiness, maintaining gear readiness, and effectively communicating with superiors.
- As Assistant Systems Integration Management Officer, maintained and updated the battalion's gear, and implemented new gear to increase unit capabilities.
- Contributed to high-priority counter-terrorism missions as a member of a Joint Special Operations Task Force, focusing on critical intelligence gathering and analysis.