Joe Anthony-Brown joe.anthonybrown@gmail.com (347) 651-5737 GitHub: joewab

I specialize in large scale applications within a micro-service architecture. I'm mostly familiar with Java, Javascript (React, Angular, Typescript, Node), PosgreSQL, and AWS, and I'm always excited to tackle something new.

Experience

Travelers Insurance — *Software Engineer*

July 2022 - Present

- Built many robust and user-friendly front end features using Angular, Typescript, and AG Grid, including admin dashboards and highly adjustable work lists, which garnered significant positive user feedback during a period when our product's utilization increased from 15% to 65% of employees across the company
- Led the team's transition from Cypress to Playwright for UI testing, using a Python script to send detailed, dynamically generated prompts to an OpenAI endpoint, which reduced conversion time by 80%
- Refactored out of date Java service applications in preparation for a move from on-prem to cloud-based architecture, decreasing cloud compute necessity and overall cost
- Monitored error rates and drops in latency, following up with investigations, solutions, and weekly reports

Allyx — *Software Engineer*

May 2022 - July 2022

- Developed a full-stack web app to MVP from scratch within a month, enabling the client to attract investors and secure funding
- Utilized React, Express, PostgreSQL, and Cloudinary API to build the app, which enables users to request phone calls with verified volunteers for safety support

Projects

Policy Palooza — *Chrome browser extension that helps QA testers create dummy policy data*

2024
- In house browser extension that repurposes the authentication tokens stored in the browser to allow QA testers for insurance software to easily create dummy data to their specifications.

Goblin Fighter — *Simple UI that connects to OpenAI API and DnD 5e API, deployed on AWS*

2024
- Users choose two monsters from Dungeons and Dragons 5th edition and have them fight
- OpenAI generates descriptions of the battle based on randomized dice rolls
- React/Typescript frontend connected to AWS Lambda backend through AWS API Gateway

GetsmArt — *Art history flashcard study tool and game*

2023
- Users create galleries of images with attached labels such as artist, title, medium, and year
- Other users experience these galleries as flashcard quizzes/ games, earning points for correct labels
- React/Javascript frontend, Express server, PostgreSQL database

Education
Prime Digital Academy — *6 month in-person immersive bootcamp in Software Engineering*
Hunter College — *Master of Fine Arts (MFA)*
New York University — *Bachelor of Science (BS)*

Additional certifications: AWS: Practitioner, AWS: Developer, Georgia Tech: Data Science and Algorithms, IBM SkillsBuild: Artificial Intelligence Fundamentals

Technical Skills
OpenAI, RAG, React, Angular, Javascript, Java, Typescript, Python, SQL, Docker, Node, Git, AWS, CI/CD, Jenkins, Gitlab, automated testing