Benjamin McLemore

mclemorebenjamin@gmail.com | +1 (724) 719-4835 | Pittsburgh, PA, USA
www.linkedin.com/in/benrmclemore
github.com/cheimonophile

Work Experience

Aug 2023 - Jun 2024   **Technical Team Lead, Frontend** Inecta

- Manage a team of software developers and designers building the frontend for an ERP SaaS product.
- Architect and build a **Next.js** web application that serves as a customer portal, a BI tool, and an intuitive frontend for customers' ERP databases.
- Work with data-centric JavaScript libraries, such as **Apache ECharts**, **AG Grid**, and **Bryntum**.
- Deployed the application on **Azure** as an **App Service** and used **App Registrations** and **Microsoft Entra** for SSO.
- Set up CI/CD deployments and versioning for the application in **Github** using **Github Actions.**

Aug 2022 - Jul 2023   **Technical Team Lead, BI** Inecta

- Manage a team of developers and run the business intelligence department of the company.
- Architect and maintain an enterprise grade reporting application built in **Plotly Dash.**
- Architect data pipelines that integrate data from Microsoft Dynamics Business Central, Azure DevOps, Smartsheets, and other business tools.

Nov 2021 - Aug 2022   **Data Engineer** University Technology Office, Arizona State University

- Write **Python** data pipelines using **Prefect** to fulfill data requests from university departments, faculty, and staff, mostly on AWS infrastructure.
- Update and maintain the **Jenkins** code pipelines that deploy the department's data pipelines.
- Helped maintain some university portal web pages in **React**, which retrieve and display data from university APIs.

Aug 2021 - May 2022   **Software Developer** Arizona State University Honors Thesis Pathway

- Worked with a student software development team and a student accounting team to build a web-based accounting product for a private accountant to be released in the future.
- Developed the web application in the **React** and **Express** JavaScript frameworks and hosted it on **AWS** infrastructure.

Projects

Flashcard Application

- A desktop application that I built for myself to study vocabulary in different languages.
- Built in **Flutter** targeting macOS.
- Used **JSON** on the device for persistent storage.
- Currently refactoring to use **SQLite** for persistent storage, **Drift** Flutter package for local database migrations, and **Bloc** for state management.

Education

Aug 2019 - May 2023   **Computer Science BS, Honors**, 4.0 GPA, Arizona State University

Industry Certifications

May 28, 2022   **AWS Certified Cloud Practitioner**

Skills

Programming Languages:
TypeScript/JavaScript, HTML, CSS, SQL, Python, Dart, Rust, Lua, C/C++, C#, Java, Prolog

Frameworks/Libraries:
Web: Next.js, React, Tailwind CSS, Plotly Dash, Express
Data: Pandas, Plotly, Prefect, Jupyter Notebooks, Matplotlib
Mobile: Flutter, Bloc

Products/Technologies:
Infrastructure: Azure Core Services, AWS Core Services
Deployment: Github Actions, Terraform, Jenkins
Development: Git, Azure DevOps
Databases: SQLite, Oracle Database/Oracle SQL Developer
Software: Microsoft Dynamics Business Central