

## Benjamin McLemore

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## Work Experience

*Jun 2024 - Present*    **Full Stack Software Engineer**    Inecta

- Build a **Next.js** web application that serves as a customer portal, a BI tool, and an intuitive frontend for customers' **MS Dynamics Business Central** database.
- Work with data-centric JavaScript libraries, such as **Apache ECharts** and **AG Grid**
- 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 and inecta mobile apps in **Github** using **Github Actions**.
- Work with inecta Food ERP consultants business analysts and customers to architect technical solutions.
- Perform code reviews and build inecta code libraries to help maintain code quality.

*Nov 2022 - 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.
- Architect and maintain an enterprise grade reporting application built in **Plotly Dash**.
- Work with data-centric JavaScript libraries, such as **Apache ECharts**, **AG Grid**, and **Bryntum**.
- Architect data pipelines that integrate data from **Microsoft Dynamics Business Central**, **Azure DevOps**, Smartsheets, and other business tools.
- 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 2021 - Oct 2022*    **Full Stack Developer**    Inecta

- Write Dash reports that give the company and clients custom views of their Business Central data.

*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.

## 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