CAMERON RAYMOND DIETZ

Portfolio | **Github** | **LinkedIn** | Austin, TX | (C) 512-750-7411 | dietz.cameron@gmail.com

EDUCATION

Texas A&M University - College Station, Texas   **Graduated: May 2021**
B.S. Industrial Distribution, Engineering Technology & Industrial Distribution Dept.
Minor: Business

Cybersecurity Certification - Google   **Issued: February 2025**
Worked with Linux, SQL, Security Information and Event Management (SIEM) tools, and Intrusion Detection Systems.
Full Stack Software Developer Certification - IBM   **Issued: January 2025**
Certified in Cloud Native App Development with hands-on skills in DevOps, Kubernetes, React, and SaaS.
Advanced Data Analytics Certification - Google   **Issued: August 2024**
Demonstrated hands-on experience with advanced Data Analytics practices and tools, including data science workflows.

EXPERIENCE

Applied Industrial Technologies   **August 2021 – Present**
Appointed to be the main point of contact for the largest account at our location and have been supplying parts for the world's leading semiconductor and display equipment company.

- Developed and managed a custom Microsoft Access database for 6,500+ parts, streamlining vendor, purchasing, and quoting data
- Automated reports, file generation, and email communication using SQL and VBA, reducing manual tasks and errors
- Built dynamic dashboards and visualizations for business performance insights
- Integrated vendor APIs for automatic part info updates, enhancing data accuracy
- Migrated and standardized data across branches to unify quoting systems
- Recipient of **Gold President's Award (2022, 2023, 2024)** – top performer among 560+ global locations

Industrial E-Commerce Platform
Built a production-ready e-commerce platform for industrial products with intelligent part search, secure checkout, and AI-driven support — all hosted on my locally managed and configured server.

- **Tech Stack**: Next.js 15, TypeScript, Redux, Tailwind, Django REST, PostgreSQL, Node.js, MongoDB
- **Features**:
  - Utilized Next.js SSR / CSR to enhance load speed, and user-specific interactivity on the platform.
  - MongoDB-powered product catalog search service via Node.js microservice
  - Stripe integration with Django for secure checkout & order tracking
  - AI-powered customer chat using OpenAI API
  - Dockerized with Kubernetes orchestration for scalable and cloud agnostic architecture
- **Skills Demonstrated**: Microservices, DevOps, REST APIs, Polyglot persistence (PostgreSQL + MongoDB), full-stack architecture, LLM integration

SKILLS

Programming Languages: Python, JavaScript, C++, SQL, VBA, JAVA, HTML, CSS, BASH, MATLAB
Frameworks & Libraries: Django, React, Node.js, Redux, Express, Bootstrap
Cloud Technologies: AWS, IBM Cloud, Docker, Kubernetes, OpenShift, Microservices
Database Management: PostgreSQL, Microsoft Access, MongoDB, SQLite, NoSQL, ORM
Data Analytics: Scikit-learn, Pandas, NumPy, Matplotlib, Power BI, Tableau, Regression and ML Models
Other Tools & Technologies: GitHub, Jenkins, REST APIs, OAuth 2.0, DevOps, CI/CD, Visual Studio, Eclipse, Anaconda