Evan Bell

Email: barbaraabbott@example.net

Location: Jenniferstad

Summary

Innovative and detail-oriented programmer with over 5 years of experience in software development, specializing in data science and backend technologies. I possess a strong foundation in building scalable applications and machine learning systems. Highly proficient in TypeScript and FastAPI, with a proven track record of delivering projects on time and exceeding performance metrics. Passionate about leveraging technology to solve real-world problems and improve processes.

Experience

Software Engineer

Tech Innovations Inc. — Jenniferstad, CA
March 2021 - Present

- Developed and maintained a **Machine Learning Pipeline** that improved predictive accuracy by **30%**, utilizing Python and PostgreSQL for data handling.
- Designed a **Payment Processing System** handling over **10,000 transactions per day** with a focus on security and scalability using FastAPI and Docker.
- Collaborated with cross-functional teams to implement CI/CD practices using Git and Kubernetes, reducing deployment time by **40%**.

Junior Data Scientist

Data Solutions LLC — Jenniferstad, CA
June 2018 - February 2021

- Conducted data analysis and built machine learning models that contributed to a **20% increase** in customer retention rates.
- Enhanced data processing workflows using MySQL, achieving a **15% reduction** in data retrieval times.
- Assisted in the development of predictive analytics tools using TypeScript and Angular, increasing user engagement by **25%**.

Skills

- **Data Science:** Expert
- **MySQL:** Advanced
- **PostgreSQL:** Advanced
- **FastAPI:** Advanced
- **Docker:** Advanced
- **TypeScript:** Expert
- **Go:** Intermediate
- **Kubernetes:** Intermediate
- **Angular:** Intermediate
- **Git:** Beginner

Projects

Machine Learning Pipeline

- Developed a robust machine learning pipeline that automated data processing and model training, resulting in a **30% improvement** in forecast accuracy.
- Utilized Python, PostgreSQL, and various machine learning libraries (e.g., Scikit-learn, TensorFlow) to enhance the pipeline's capabilities.

Payment Processing System

- Architected and implemented a secure payment processing system using FastAPI and Docker, which now processes over **10,000 transactions daily** with minimal downtime.
- Focused on creating a user-friendly interface and efficient backend processes, leading to a **25% reduction** in transaction failures.

Certifications

- **AWS Certified Solutions Architect**
- **Certified Kubernetes Administrator**

Education

Bachelor of Science in Computer Science
University of Jenniferstad — Jenniferstad, CA
Graduated: May 2018

- Completed a capstone project on "Optimizing Data Retrieval in Cloud Environments" which was awarded the **Best Project** in the Computer Science department.