Benjamin Mckenzie

Location: Kingside
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Summary

Innovative and detail-oriented programmer with over 5 years of experience in software development and a strong focus on machine learning and backend solutions. Proven ability to design and implement scalable applications that enhance user experience and increase operational efficiency. Passionate about leveraging cutting-edge technologies to solve complex problems and deliver impactful projects.

Experience

Senior Software Developer

Tech Innovations Inc. – Kingside, CA
March 2020 – Present
- Led a team of 5 developers in creating a **Payment Processing System** that streamlined transaction handling, reducing processing time by 30%. - Developed a **Microservices Architecture** for an e-commerce platform, improving system scalability and reducing downtime by 25%. - Implemented CI/CD pipelines using **Jenkins**, enhancing deployment frequency and reliability.

Software Engineer

NextGen Solutions – Kingside, CA
June 2018 – February 2020
- Designed and developed a **Real-time Chat System** utilizing Django and WebSocket technology, achieving a 99.9% uptime rate. - Collaborated with data scientists to integrate **Machine Learning** models into applications, enhancing

predictive analytics capabilities. - Optimized database queries in **MongoDB**, resulting in a 40% reduction in data retrieval times.

Junior Developer

Creative Coders – Kingside, CA
January 2017 – May 2018
- Assisted in the development of web applications using **JavaScript** and **TypeScript**, contributing to a 15% increase in user engagement. - Gained experience with **Redis** for caching, improving application performance. - Participated in code reviews and agile ceremonies, fostering a collaborative team environment.

Skills

- **C++**: Advanced
- **Machine Learning**: Advanced
- **Django**: Advanced
- **Jenkins**: Advanced
- **MongoDB**: Intermediate
- **TypeScript**: Intermediate
- **JavaScript**: Beginner
- **Redis**: Beginner

Projects

Payment Processing System

- Developed a secure and efficient payment gateway that handles over 1,000 transactions per minute, significantly improving customer satisfaction and retention.

Microservices Architecture

- Spearheaded the transition of a monolithic application to a microservices architecture, resulting in a 50% increase in deployment speed and a 20% reduction in server costs.

- Engineered a chat application supporting real-time messaging for over 10,000 concurrent users, implementing robust security protocols to ensure data privacy.

Education

Bachelor of Science in Computer Science
Kingside University – Kingside, CA
Graduated: May 2016
- Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Software Engineering
- Dean's List (2014 - 2016)

Certifications

- **Machine Learning Specialization** – Coursera (2021)
- **Certified Jenkins Engineer** – Jenkins Certification Program (2020)
- **MongoDB Certified Developer** – MongoDB University (2019)

References

Available upon request.