Dr. Blake Jackson

East Michaelborough
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Summary

Innovative and results-driven programmer with over 8 years of experience in developing robust software solutions, specializing in data science and cloud technologies. Proven track record in designing microservices architectures and building scalable applications. Passionate about leveraging machine learning to solve complex business problems, and committed to continuous improvement and learning in the ever-evolving tech landscape.

Experience

Senior Software Engineer

Tech Innovations Inc. — East Michaelborough, UK
January 2020 - Present
- Lead a team of 5 engineers in designing and implementing a **Microservices Architecture** that improved application scalability by 40% and reduced deployment times by 30%. - Developed an **E-commerce Platform** using Node.js and Vue.js, resulting in a 50% increase in online sales within the first six months of launch. - Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins and Kubernetes, enhancing the development workflow efficiency by 25%. - Collaborated with data scientists to deploy machine learning models in production, improving user engagement metrics by 15%.

Software Engineer

Cloud Solutions Ltd. — East Michaelborough, UK
June 2016 - December 2019
- Designed and maintained an **API Gateway** for multiple microservices, significantly improving response times and reducing server load by 20%. - Developed and optimized applications using **Go** and **JavaScript**, achieving a 30% reduction in code complexity and maintenance effort. - Participated in a cross-functional team to migrate legacy systems to cloud infrastructure (Microsoft Azure), resulting in a 35% cost reduction in server maintenance.

Skills

- **Data Science**: Expert
- **Node.js**: Advanced
- **Kubernetes**: Advanced
- **Jenkins**: Advanced
- **Vue.js**: Advanced
- **Microservices**: Intermediate
- **Django**: Beginner
- **Go**: Advanced
- **Git**: Advanced
- **JavaScript**: Advanced
- **Machine Learning**: Advanced

Projects

Microservices Architecture

- Developed a scalable microservices architecture for a leading retail client, resulting in improved system reliability and an increase in user satisfaction ratings by 20%.

E-commerce Platform

- Spearheaded the development of a full-scale e-commerce platform, from concept to deployment, integrating payment gateways and enhancing user experience through responsive design.

API Gateway

- Created a robust API Gateway for seamless communication between microservices, which streamlined data flow and improved system integration capabilities.

Certifications

- **Microsoft Azure Developer**
- **Google Cloud Professional**

Education

Doctor of Philosophy in Computer Science
University of East Michaelborough, UK
Graduated: 2016

Bachelor of Science in Software Engineering
University of East Michaelborough, UK
Graduated: 2012

References

Available upon request.