Thomas Lang

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Location: Port Kristintown

Summary

Passionate and results-driven software developer with over 5 years of experience in building scalable web applications and APIs. Specialized in machine learning and proficient in various programming languages and frameworks. Adept at collaborating with cross-functional teams to deliver high-quality software solutions. Seeking to leverage my expertise in a challenging new role that allows for innovation and growth.

Experience

Software Developer
Tech Innovations Corp, Port Kristintown
January 2020 - Present
- Developed a **Real-time Chat System** using **Node.js** and **React**, increasing user engagement by 30%. - Designed and implemented an **API Gateway** that streamlined communication between microservices, reducing response time by 25%. - Collaborated with data scientists to integrate **Machine Learning** models into applications, enhancing functionality and user experience.

Junior Developer
Web Solutions LLC, Port Kristintown
June 2018 - December 2019
- Assisted in the development of a **Mobile App** that achieved over 10,000 downloads within the first month of launch. - Contributed to backend development using **Python** and **FastAPI**, improving API performance by 20%. - Gained valuable experience with

MongoDB to manage data effectively, leading to a 15% reduction in database query times.

Skills

- **Machine Learning:** Expert
- **MongoDB:** Expert
- **React:** Expert
- **FastAPI:** Advanced
- **Python:** Intermediate
- **Go:** Intermediate
- **Node.js:** Intermediate
- **C++:** Intermediate
- **Jenkins:** Beginner
- **TypeScript:** Beginner

Projects

Mobile App
- Developed a cross-platform mobile application that allows users to track their fitness goals. Utilized **React Native** and integrated with cloud services for data storage.

API Gateway
- Designed a robust API Gateway for a microservices architecture, which facilitated seamless communication and reduced latency across services. Implemented security protocols to ensure data protection.

Real-time Chat System
- Created a real-time chat application enabling users to communicate instantly. Used **Node.js** for the backend and **React** for the frontend, achieving a user satisfaction rating of 95%.

Certifications

- **Microsoft Azure Developer**
- **AWS Certified Solutions Architect**
- **Google Cloud Professional**

Education

Bachelor of Science in Computer Science

Port Kristintown University

Graduated: May 2018

- Completed a capstone project on the application of machine learning in predictive analytics, earning top marks in the class.

Additional Information

- Actively participating in local hackathons and coding meetups to stay updated with industry trends and improve networking.
- Committed to continuous learning; currently exploring advanced topics in cloud computing and machine learning frameworks.