Jonathan Garcia

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Location: Lake Tracy

Summary

Passionate and dedicated programmer with over 5 years of experience in software development and machine learning. Proven track record of delivering scalable and efficient applications, with a strong focus on cloud technologies and microservices architecture. Adept at collaborating with cross-functional teams to drive project success and deliver high-quality solutions. Seeking to leverage expertise in Node.js and AWS to contribute to innovative projects in a dynamic work environment.

Experience

Software Engineer

Tech Innovations Inc., Lake Tracy
June 2020 - Present

- Developed and maintained a **Machine Learning Pipeline** that improved data processing times by 30%, enabling faster insights for decision-making.
- Led the architecture and implementation of a **Payment Processing System** using Node.js and AWS, resulting in a 25% reduction in transaction failures.
- Collaborated with a team of 5 to create a **Data Analytics Dashboard** that provided real-time metrics and analytics, increasing customer engagement by 40%.
- Utilized Kubernetes for container orchestration, enhancing application deployment speed by 50% and ensuring high availability.

Junior Developer

NextGen Solutions, Lake Tracy

January 2018 - May 2020

- Assisted in the development of a **Mobile App** that achieved over 10,000 downloads within the first month of launch.
- Participated in the implementation of microservices architecture, which improved system scalability and maintainability.
- Contributed to the development of internal tools using MySQL and Vue.js, which streamlined reporting processes by 20%.

Skills

- **Node.js**: **Expert** - Developed multiple high-traffic applications with Node.js, focusing on performance optimization.
- **Machine Learning**: **Advanced** - Designed and implemented predictive models using Python and TensorFlow.
- **AWS**: **Advanced** - Extensive experience with AWS services, including EC2, S3, and Lambda for cloud-based solutions.
- **TypeScript**: **Advanced** - Utilized TypeScript for building robust front-end applications, improving code maintainability.
- **Microservices**: **Advanced** - Architected and deployed microservices that enhanced application modularity and scalability.
- **Kubernetes**: **Intermediate** - Managed containerized applications, ensuring smooth deployments and scaling.
- **MySQL**: **Intermediate** - Experience in database design, optimization, and management for high-performance applications.
- **Java**: **Intermediate** - Developed backend applications using Java, focusing on RESTful services.
- **Vue.js**: **Intermediate** - Built interactive user interfaces with Vue.js, enhancing user experience.
- **DevOps**: **Intermediate** - Implemented CI/CD pipelines using Jenkins and Git, improving deployment frequency.
- **Rust**: **Advanced** - Developed performance-critical components, leveraging Rust's memory safety features.
- **Jenkins**: **Beginner** - Familiar with CI/CD practices and basic Jenkins setup.

Projects

- **Machine Learning Pipeline**: Designed an end-to-end ML pipeline that automated data preparation and model training, reducing manual effort by 60%.
- **Mobile App**: Developed a cross-platform mobile application for event management, integrating push notifications and user authentication.
- **Data Analytics Dashboard**: Created an interactive dashboard that visualized key metrics for business analysis, leading to data-driven decisions.
- **Payment Processing System**: Engineered a secure payment processing solution that handled thousands of transactions daily with minimal downtime.

Education

Bachelor of Science in Computer Science
Lake Tracy University, Lake Tracy
Graduated: May 2017

Certifications

- **Certified Kubernetes Administrator**
- **Microsoft Azure Developer**

Jonathan is always eager to learn new technologies and tackle challenging problems, making him a valuable asset to any tech team.