Seth Rose

Millsbury
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Summary

Passionate and dedicated software developer with a strong background in backend development and database management. With expertise in Go and PostgreSQL, I thrive in environments that challenge my problem-solving abilities. A quick learner and an effective team player, I am eager to contribute to innovative projects that leverage my skills in programming and data analytics.

Experience

Software Developer
Tech Innovations Inc., Millsbury
June 2021 - Present
- Developed a **Real-time Chat System** using Go and WebSocket technology, reducing message latency by 20% and enhancing user engagement. - Collaborated with a team to build a **Payment Processing System** that integrated with multiple payment gateways, ensuring secure transactions for over 10,000 monthly users. - Implemented a **Machine Learning Pipeline** in Python, optimizing data processing tasks and reducing processing time by 30%.

Junior Developer
Creative Solutions Ltd., Millsbury
January 2020 - May 2021
- Assisted in the development of a **Data Analytics Dashboard** using Vue.js and MySQL, providing clients with real-time insights into their data. - Contributed to

various features in a full-stack JavaScript application, improving overall functionality and user experience based on client feedback.

Skills

- **Go** (Expert)
- **PostgreSQL** (Advanced)
- **Vue.js** (Advanced)
- **MySQL** (Intermediate)
- **C++** (Intermediate)
- **JavaScript** (Intermediate)
- **Git** (Intermediate)
- **FastAPI** (Beginner)
- **Node.js** (Beginner)

Projects

- **Real-time Chat System**
  Built a scalable chat application using Go and WebSocket technology, enabling real-time communication with over 500 concurrent users. Focused on optimizing performance and security.

- **Payment Processing System**
  Developed a secure payment gateway integration for e-commerce platforms. Enhanced transaction speed and reliability, achieving a 99.9% uptime.

- **Machine Learning Pipeline**
  Designed and implemented a data processing pipeline utilizing Python and PostgreSQL for ML model training, improving model accuracy by 15%.

- **Data Analytics Dashboard**
  Created a visual dashboard leveraging Vue.js and MySQL that provided businesses with actionable insights, resulting in a 25% increase in client engagement.

Education

Bachelor of Science in Computer Science

Millsbury University

Graduated: May 2019

- Graduated with honors, focusing on Software Engineering and Data Science.
- Participated in hackathons, winning 2nd place in a local competition for developing a healthcare application.

Certifications

- **Certified Go Developer** - GoLang Academy (2022)
- **Database Management with PostgreSQL** - Coursera (2021)

References

Available upon request.