

Robert Pena

East Jared

Email: uaguilar@example.net

Summary

Dedicated and results-driven programmer with over 5 years of experience in software development and data science. Proficient in building scalable web applications using advanced technologies such as React and TypeScript. Aiming to leverage strong analytical skills and a solid foundation in PostgreSQL and MySQL to contribute to innovative projects. Passionate about continuous learning and growth in DevOps and microservices architecture.

Experience

Software Engineer

Tech Innovations Inc. – East Jared

January 2020 – Present

- Developed and maintained complex web applications using **React** and **TypeScript**, enhancing user experience and performance by 30%.
- Collaborated with cross-functional teams to design a **Microservices Architecture** that improved system scalability and reduced deployment time by 40%.
- Implemented database solutions using **PostgreSQL**, optimizing queries and improving data retrieval speed by 25%.

Data Scientist

Future Analytics Ltd. – East Jared

June 2018 – December 2019

- Designed and developed a **Machine Learning Pipeline** that increased prediction accuracy by 20%, enabling more informed business decisions.
- Utilized **Python** for

data analysis and model development, effectively handling large datasets and automating data processing tasks. - Worked with stakeholders to integrate data science insights into existing applications, which enhanced product features and increased user engagement by 15%.

Junior Developer

Web Solutions Co. – East Jared

August 2016 – May 2018

- Assisted in the development of client-side applications using **React**, contributing to projects that received positive feedback for user interface design. - Gained foundational knowledge in **DevOps** practices, participating in CI/CD pipeline setups and basic infrastructure management. - Supported database management tasks using **MySQL** and contributed to improving system efficiency.

Skills

- **TypeScript**: Advanced
 - **PostgreSQL**: Advanced
 - **React**: Advanced
 - **Data Science**: Intermediate
 - **Python**: Intermediate
 - **MySQL**: Intermediate
 - **DevOps**: Beginner
 - **Microservices**: Beginner
-

Projects

Microservices Architecture

- Led a team to design and implement a microservices architecture for an e-commerce platform, reducing downtime and improving system reliability. Utilized a combination of **Docker** and **AWS** services to streamline deployment processes.

Machine Learning Pipeline

- Developed a comprehensive machine learning pipeline for predictive analytics in retail, which successfully identified customer buying patterns. This project resulted in a 15% increase in sales forecasts accuracy.
-

Certifications

- **Microsoft Azure Developer**
 - **Docker Certified Associate**
 - **AWS Certified Solutions Architect**
-

Education

Bachelor of Science in Computer Science

East Jared University – East Jared

Graduated: May 2016

- Relevant coursework: Data Structures, Algorithms, Database Management, Machine Learning

References

Available upon request.