Casey Herrera

East Dennisland

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Professional Summary

Dynamic and detail-oriented programmer with over 5 years of experience in web development and DevOps. Proven expertise in building scalable applications using Flask and Django with a strong focus on performance and user experience. Passionate about leveraging innovative technologies to solve complex problems and enhance operational efficiency.

Skills

- **Flask:** Expert
- **Django:** Expert
- **DevOps:** Expert
- **Rust:** Advanced
- **React:** Intermediate
- **Jenkins:** Intermediate

Professional Experience

Software Engineer

Tech Innovations Inc. | East Dennisland, MA

June 2020 – Present

- Designed and implemented a **Machine Learning Pipeline** that improved model training time by 30%, reducing deployment costs significantly.
- Led the development of a **Content Management System** utilized by over 500

active users, enhancing content delivery efficiency by 40%.
- Collaborated with cross-functional teams to integrate DevOps practices, resulting in a 25% reduction in deployment time.

Full Stack Developer
Creative Solutions LLC | East Dennisland, MA
January 2018 – May 2020
- Developed an **E-commerce Platform** that generated $1M in sales in the first year, improving user engagement through a responsive design built with React and Flask.
- Created a **Data Analytics Dashboard** that visualized key performance metrics, enabling data-driven decisions that increased customer satisfaction scores by 15%.
- Worked closely with QA teams to streamline testing processes using Jenkins, reducing bug-related downtime by 20%.

Projects

- **Machine Learning Pipeline**
  Developed a robust pipeline that automated data preprocessing and model training, resulting in faster iterations and improved accuracy.

- **Content Management System**
  Built a user-friendly CMS tailored for non-technical users, facilitating seamless content updates and management.

- **E-commerce Platform**
  Engineered a scalable platform that supports multiple payment gateways and custom user experiences, driving substantial revenue growth.

- **Data Analytics Dashboard**
  Implemented a dashboard that aggregates data from various sources, providing actionable insights and enhancing strategic planning.

Certifications

- Certified DevOps Engineer
- Python Web Developer Certification

• AWS Certified Solutions Architect – Associate

Education

Bachelor of Science in Computer Science
University of East Dennisland | East Dennisland, MA
Graduated: May 2017

Interests

In my spare time, I enjoy contributing to open-source projects, exploring new programming languages, and participating in hackathons to sharpen my skills and collaborate with like-minded developers.