

Krystal Castillo

Email: hoganbilly@example.org

Location: South Benjamin

Summary

Passionate and results-driven software developer with over 5 years of experience in building robust applications using cutting-edge technologies. Proficient in developing scalable microservices and delivering data-driven solutions through machine learning. Recognized for exceptional problem-solving skills and the ability to work collaboratively across teams. Seeking to leverage expertise in FastAPI and Redis to contribute to innovative projects at a forward-thinking company.

Experience

Senior Software Engineer

Tech Innovations Inc. – South Benjamin, CA

March 2021 – Present

- Developed and maintained a **real-time chat system** that improved user engagement by 30% using **FastAPI** and **Redis**, enabling seamless communication for over 20,000 users.
- Led a team of 5 developers in the design and implementation of a **microservices architecture**, enhancing system reliability and reducing downtime by 25%.
- Spearheaded the migration of legacy systems to modern **Node.js** and **React** applications, resulting in a 40% reduction in response time.
- Collaborated with data scientists to integrate **machine learning** models into applications, increasing predictive accuracy by 15%.

Software Developer

Creative Solutions LLC – South Benjamin, CA

June 2018 – February 2021

- Designed and implemented a **web application** that serves over 10,000 active users, utilizing **MySQL** for database management and **JavaScript** for front-end development.
 - Contributed to the development of a **mobile app** that reached 5,000 downloads within the first month of launch, enhancing customer satisfaction through user-friendly design.
 - Actively utilized **Git** for version control, ensuring smooth collaboration among team members and maintaining project integrity.
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Skills

- **FastAPI** (Expert)
 - **Machine Learning** (Expert)
 - **Microservices** (Expert)
 - **Redis** (Advanced)
 - **Rust** (Advanced)
 - **Java** (Advanced)
 - **MySQL** (Advanced)
 - **Git** (Advanced)
 - **Node.js** (Intermediate)
 - **React** (Intermediate)
 - **JavaScript** (Intermediate)
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Projects

- **Web Application:** Led the development of a full-stack web application for e-commerce, integrating payment gateways and inventory management, which increased sales by 20%.
- **Real-time Chat System:** Created a scalable solution for online communities that supports thousands of concurrent users, focusing on performance and security.

- **Mobile App:** Developed a cross-platform mobile app for tracking fitness goals, which garnered positive reviews and a 4.8-star rating on app stores.
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Education

Bachelor of Science in Computer Science

University of South Benjamin

Graduated: May 2018

- Relevant Coursework: Data Structures, Algorithms, Database Management, Artificial Intelligence
 - Project: Developed a machine learning algorithm for predicting stock prices, achieving an accuracy of over 90%.
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Certifications

- **Certified Machine Learning Specialist** – AI Academy, 2020
 - **Advanced Java Development** – Tech University, 2019
 - **Microservices Architecture** – Course Hero, 2018
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References

Available upon request.