Cindy Howard

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Location: North Brittanyborough

Summary

Dedicated and results-driven software developer with over 5 years of experience in designing and implementing robust applications. Proficient in a multitude of programming languages and frameworks, I specialize in building scalable microservices and leveraging machine learning for data-driven decision-making. My technical expertise is complemented by a strong foundation in DevOps practices, ensuring efficient deployment and continuous integration.

Experience

Software Developer

Tech Innovations Inc. - North Brittanyborough, NY
June 2020 - Present

- Developed a **Real-time Chat System** that supports over 10,000 concurrent users using **Node.js** and **Microservices architecture**, resulting in a 40% increase in user engagement.
- Led a team to implement a **Data Analytics Dashboard** for internal metrics visualization, utilizing **MySQL** and **FastAPI**, reducing reporting time by 50%.
- Collaborated with cross-functional teams to adopt **AWS** services, optimizing application performance and scalability, which improved system uptime by 30%.
- Implemented CI/CD pipelines to enhance deployment processes, achieving a deployment frequency increase from bi-weekly to daily.

Junior Software Engineer

Bright Future Technologies - North Brittanyborough, NY
May 2018 - May 2020

- Contributed to various projects using **C++** and **Rust**, focusing on performance optimization and system-level programming.
- Assisted in the migration of legacy systems to cloud-based infrastructure on **AWS**, facilitating a smoother transition and reducing costs by 20%.
- Participated in the development of microservices that improved system modularity and maintainability.

Skills

- **Node.js**: Expert
- **Machine Learning**: Advanced
- **AWS**: Advanced
- **Microservices**: Intermediate
- **FastAPI**: Intermediate
- **Rust**: Intermediate
- **MySQL**: Intermediate
- **C++**: Intermediate
- **Django**: Beginner
- **DevOps**: Intermediate

Projects

- **Real-time Chat System**: Engineered a scalable chat application that supports real-time messaging with low latency, enhancing user interaction and retention.
- **Data Analytics Dashboard**: Designed an interactive dashboard for visualizing key performance metrics, allowing stakeholders to make informed decisions based on real-time data.

Certifications

- **AWS Certified Solutions Architect – Associate**
  Validated expertise in designing distributed systems on AWS.

- **Machine Learning Specialization**
  Coursera - Completed a series of courses focused on machine learning algorithms and applications.

Education

Bachelor of Science in Computer Science
University of North Brittanyborough
Graduated: May 2018

- Relevant Coursework: Data Structures and Algorithms, Web Development, Cloud Computing, Machine Learning
- Member of the Computer Science Club, where I collaborated on various programming projects and hackathons.

Personal Interests

- Passionate about open-source contributions; actively engage in projects that promote educational resources for budding developers.
- Enjoy participating in hackathons and coding challenges to sharpen my skills and collaborate with like-minded peers.

Feel free to reach out via email for collaboration opportunities or to connect!