

Joshua Baker

Email: hholmes@example.org

Location: Wrightborough

Summary

Dynamic and detail-oriented programmer with over 5 years of experience in developing scalable web applications and microservices. Proficient in both frontend and backend technologies, with a strong focus on FastAPI and Flask for API development. Adept at collaborating within teams to deliver high-quality software solutions that meet business objectives. Passionate about leveraging technology to solve complex problems and continuously learning new skills in the ever-evolving tech landscape.

Experience

Senior Software Engineer

Tech Innovations Inc. – Wrightborough, NY

June 2021 – Present

- Developed a **Payment Processing System** using FastAPI and MongoDB, which improved transaction speeds by 30% and reduced system downtime by 15%.
- Led the architectural design of a **Microservices Architecture**, enhancing system modularity and allowing for independent scaling of services, resulting in a 40% increase in application performance.
- Collaborated with cross-functional teams to implement a **Real-time Chat System** using Node.js and WebSocket technology, increasing user engagement by 25%.

Software Developer

Digital Solutions Corp. – Wrightborough, NY

March 2018 – May 2021

- Engineered several high-availability applications using Java and MySQL, achieving an average uptime of 99.9%. - Spearheaded the transition of legacy systems to modern web applications, utilizing Flask, which improved code maintainability and reduced development time by 20%. - Participated in the deployment of machine learning algorithms to enhance data analytics capabilities, gaining initial exposure to Machine Learning concepts.

Skills

- **FastAPI:** Expert
 - **Flask:** Expert
 - **Node.js:** Advanced
 - **Java:** Advanced
 - **MongoDB:** Advanced
 - **MySQL:** Expert
 - **C++:** Intermediate
 - **Machine Learning:** Beginner
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Projects

Payment Processing System

- Designed and implemented a secure payment processing system that handled over 10,000 transactions per day with a fraud detection feature, significantly lowering chargeback rates.

Microservices Architecture

- Architected a microservices infrastructure that allowed for seamless integration of various services, reducing deployment times by 50% and improving overall application scalability.

Real-time Chat System

- Developed a chat application that supports real-time messaging and notifications, with a user base of over 5,000 active users, leveraging Node.js and WebSocket technologies.

Education

Bachelor of Science in Computer Science

Wrightborough University – Wrightborough, NY

Graduated: May 2017

- GPA: 3.7/4.0

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Web Development

Certifications

- **Certified Kubernetes Administrator (CKA)**

Issued: August 2022

- Mastered the skills necessary to manage Kubernetes clusters and applications, enhancing the deployment process and operational efficiency.
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Additional Information

- **Languages:** English (Fluent), Spanish (Conversational)
 - **Interests:** Open-source contributions, hackathons, and tech meetups.
 - **Volunteer:** Mentor for local coding bootcamps, helping aspiring developers gain practical experience in software development.
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Joshua Baker is a dedicated and passionate programmer who continuously seeks to enhance his skills and contribute to innovative projects that make a difference.