



Michael Brown

Backend Developer

(484) 457 8432 # Saint Cloud, FL # michael.brown.dev.9001@gmail.com # [linkedin](#) # [portfolio](#)

Dynamic, detail-oriented senior software engineer with 10+ years of experience of backend developing, implementing, and maintaining scalable web applications and services.

Proficient in a wide range of technologies including but not limited to **Rust, Python, Node.js, Java** and **Ruby on Rails**.

Experience working with relational and NoSQL databases such as **PostgreSQL, MySQL** and **MongoDB** to ensure optimal data storage and retrieval strategies.

SKILLS

- **Programming Languages**

Python, Rust, Go, Solidity, Ruby, Java, Kotlin, JavaScript, TypeScript, HTML5/CSS, PHP, Perl

- **Libraries/Frameworks**

Node.js, React, Next.js, Express, Laravel, Django, Ruby on Rails, Spring Boot, Rocket, Diesel

- **Tools/Platforms**

CI/CD, Git, SVN, Kubernetes, Helm, Scrum/Agile methodologies, Apache Kafka, AWS, DevOps, Linux, Docker, Google APIs, Google Cloud Functions, OpenAI...

- **Databases**

SQLite, MySQL, MongoDB, PostgreSQL, Redis, Cassandra, SQL Server, Oracle, Snowflake...

WORK EXPERIENCE

BACKEND DEVELOPER

[SRA AMERICA, INC.](#)

Feb 2022 to Nov 2024

Remote

- Led the development and optimization of cloud-native data services using AWS and Snowflake to handle large-scale IoT data processing and real-time analytics.
- Designed and built microservices architecture using Python and Node.js, ensuring scalability and robustness to handle high-throughput data from millions of IoT devices.
- Developed and maintained RESTful APIs to facilitate communication between backend services and external systems, ensuring efficient and reliable data exchange.
- Implemented data streaming pipelines with Apache Kafka, enabling real-time data ingestion and processing for mission-critical IoT applications.
- Utilized strong problem-solving skills to address challenges in data integrity, performance optimization, and system reliability in distributed environments.

SENIOR FULLSTACK ENGINEER

May 2018 to Dec 2021

[Unisys](#)

Remote

- Designed and developed a high-performance, user-friendly E-commerce web application utilizing Java, Spring Boot Microservices, Angular, ensuring efficient communication between each microservice, leading to a 20% increase in customer engagement.
- Innovative Performance-Optimized strategies like Elasticsearch, Redis, Memory management, Multithreading, JPA Optimization, significantly reducing response times and improving the efficiency of Java, Spring Boot applications.
- Enhanced application performance markedly by implementing optimization strategies such as Memoization, Lazy Loading, and Code Splitting, resulting in a substantial decrease in load times.
- Maintained over 90% test coverage with Jest, Mocha, and Cypress, streamlined CI/CD integration with tools like Git, Bitbucket, Docker, cutting release times.

SOFTWARE DEVELOPER

Jul 2014 to Jan 2018

[Grab](#)

Remote

- Led the design and development of middleware components using Node.js and Express.js to enhance the functionality of a distributed system.
- Implemented middleware layers to handle authentication, request validation, and response formatting.
- Successfully integrated various third-party APIs and services into the middleware layer, facilitating seamless communication between different modules of the application.
- Established robust error handling and logging mechanisms in the middleware layer to detect and address issues proactively.
- Implemented comprehensive logging strategies to capture relevant information, aiding in debugging and troubleshooting efforts.

EDUCATION

Bachelor's Degree of Computer Science

Stetson University, DeLand, FL

2009 – 2013