Michael Thompson 456 Oak Avenue, Apt 12D Los Angeles, CA 90001

Phone: (555) 321-9876

Email: michael.thompson@email.com

LinkedIn: linkedin.com/in/michaelthompson

GitHub: github.com/michaelthompson

Objective

Experienced backend developer with a strong foundation in building and optimizing serverside applications. Skilled in database management, API development, and cloud infrastructure. Looking to apply my technical skills and problem-solving abilities to contribute to the success of a dynamic software engineering team.

Work Experience

Backend Developer SkyTech Solutions, Los Angeles, CA June 2022 – Present

- Developed scalable, high-performance REST APIs and microservices using Node.js and Express.js.
- Built and maintained cloud-based applications with AWS services, including Lambda,
 S3, and RDS.
- Implemented caching mechanisms using Redis to enhance the speed and efficiency of data retrieval.
- Led efforts to improve database performance and scalability by refactoring SQL queries and optimizing table structures (MySQL, PostgreSQL).
- Worked with a DevOps team to manage CI/CD pipelines and automate deployment processes using Jenkins and Docker.

Backend Developer Intern DigitalWorks, Los Angeles, CA January 2021 – May 2022

- Assisted in the development of backend services for a SaaS product using Python and Flask.
- Integrated third-party APIs for payment processing, user authentication, and email notifications.
- Wrote automated test cases using PyTest to ensure robust and bug-free code.

- Supported database migrations and schema updates in PostgreSQL.
- Collaborated with front-end developers to ensure smooth integration with front-end code.

Education

Bachelor of Science in Software Engineering University of Southern California (USC) Graduated: May 2021

Technical Skills

- Languages: Python, Node.js, Java, Go, PHP
- Frameworks/Tools: Express.js, Flask, Spring Boot, Django
- Databases: PostgreSQL, MySQL, SQLite, MongoDB
- Cloud/DevOps: AWS (Lambda, S3, RDS), Docker, Kubernetes, Terraform
- Version Control: Git, GitHub, Bitbucket
- Other Tools: Redis, Nginx, Jenkins, Postman, API Testing

Projects

Inventory Management System

 Designed and implemented a backend for an inventory management system, which included product catalog management, order processing, and real-time stock updates using Node.js and PostgreSQL.

Social Media Analytics Dashboard

 Developed backend logic for a social media analytics dashboard that aggregated data from multiple social platforms using REST APIs, processed the data, and stored it in a PostgreSQL database for reporting purposes.

Event Ticketing System

 Built the backend for an event ticketing platform, handling event creation, ticket sales, and user notifications using Python (Flask) and MySQL.

Languages English (Fluent) French (Basic)

Interests

Machine Learning, Blockchain Development, Contributing to Open Source Projects, Traveling