

# Michael Thompson

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## SUMMARY

Results-oriented Java Developer with four years of experience creating reliable, scalable backend solutions. Currently at BlueWave Technologies, I contribute by developing REST APIs using Spring Boot and enhancing database interactions through JDBC. Involved in iterative Agile development cycles, collaborating with cross-functional teams to refine product offerings. Diligently address performance issues and provide actionable solutions for legacy code challenges. Passionate about learning new technologies, I embrace complex problem-solving opportunities while maintaining focus on improving service quality for users. My technical expertise spans core Java, microservices, and cloud environments, making me adaptively efficient.

## EXPERIENCE

**Java Developer** January 2021 - Present  
BlueWave Technologies *Remote*

Focus on building robust backend services that support business systems and customer interfaces. Key involvement in daily Agile practices such as stand-ups and backlog grooming.

- Develop RESTful APIs utilizing Spring Boot for seamless integration across applications.
- Refactor existing codebases to improve system performance and reliability.
- Collaborate effectively with frontend developers and QA engineers to ensure a smooth user experience.
- Analyze and fix production defects, optimizing service quality promptly.

**Software Engineer Intern** June 2020 - December 2020  
FutureTech Innovations *San Jose, CA*

Assisted with backend development tasks while gaining practical experience with Java and SQL frameworks. Actively engaged in team discussions to enhance project workflows.

- Contributed to the design of dynamic database schemas to streamline data access.
- Participated in peer code review sessions, providing constructive feedback.
- Wrote unit tests extending code reliability and defect checks.
- Support project deployment activities ensuring adherence to best practices.

**Capstone Project Lead** January 2020 - May 2020  
University Project *San Jose State University*

Led a university capstone project focusing on developing a multimedia web application using Java and related technologies. Coordinated collaboration among team members to deliver quality results.

- Spearheaded project planning and execution phases adhering to timelines.
- Designed cohesive architecture aligning software requirements and user needs.
- Facilitated group presentations showcasing our final application functionalities.
- Documented lessons learned and improvement suggestions for future reference.

## PROJECTS

**Smart Parking Application** May 2023  
Developed a Smart Parking mobile app enabling users to find available parking spots in real-time. Battled challenges with API integrations and location services implicitly.

**E-Commerce Backend Optimization** January 2022  
Played a crucial role in refactoring backend services for an e-commerce platform, enhancing overall response time and handling larger traffic volumes more efficiently.

## PORTFOLIO

**Title:** Personal Portfolio

**Link:** michaelthompson.dev

**Description:** Showcasing various programming projects including detailed case studies and sample codes demonstrating proficiency and expanded capabilities.

## LEADERSHIP & AWARDS

- Recipient of the 'Employee of the Month' award at BlueWave Technologies, celebrated for excellence in collaborative project outcomes.

- Achieved a top score in the annual Hackathon hosted by San Jose State University for developing an innovative solution utilizing Java and cloud resources.

## EDUCATION

### Bachelor's Degree in Computer Science

2020

San Jose State University GPA: 3.8

San Jose, CA

**Coursework:** Data Structures, Operating Systems, Database Management, Software Engineering

## CERTIFICATIONS

- Oracle Certified Associate, Java SE 8 Programmer 2021
- AWS Certified Solutions Architect – Associate 2022

## TECHNICAL SKILLS

- **Development Tools:** IntelliJ IDEA, Eclipse, Git
- **Cloud Services:** AWS, Azure, Google Cloud
- **Frameworks:** Spring Boot, Hibernate, JUnit
- **Big Data Technologies:** Hadoop, Spark, Kafka
- **Continuous Integration:** CircleCI, Jenkins, Travis CI
- **Database Technologies:** MySQL, PostgreSQL, MongoDB
- **Project Management Tools:** Trello, Jira, Asana
- **Containerization:** Docker, Kubernetes
- **Version Control Systems:** Git, Subversion
- **Web Technologies:** HTML, CSS, JavaScript

## SKILLS

- Java
- Spring Boot
- REST APIs
- JDBC
- SQL
- Microservices
- Agile Methodology
- Git
- Maven
- JUnit
- Hadoop
- Docker
- Puppet
- Scala
- Groovy
- Data Structures

## PROFESSIONAL AFFILIATIONS

- Member of the Java Developers Association, participating regularly in meetups and workshops to sharpen skills and share knowledge.
- Active contributor to several open-source projects focused on enhancing community coding practices on GitHub.

## LANGUAGES

- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST