

# Matthew Jacobson

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West Megan

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## Summary

Dynamic and detail-oriented software developer with over 5 years of experience in designing, implementing, and maintaining complex applications. Adept in leveraging modern technologies to build scalable and efficient solutions. Proven track record of collaborating with cross-functional teams to deliver high-quality projects on time. Passionate about learning new technologies and applying them to solve real-world problems.

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## Experience

### Senior Software Engineer

*Tech Innovations Inc., New York, NY*

*June 2021 - Present*

- Led the development of a **Data Analytics Dashboard** that improved data visualization and reporting efficiency by 40%, enabling stakeholders to make informed decisions faster.
- Designed a **Microservices Architecture** for a large-scale e-commerce platform, enhancing system scalability and reducing deployment time by 30%.
- Implemented a **Payment Processing System** that streamlined transactions, which resulted in a 25% reduction in transaction errors.

## Software Developer

NextGen Solutions, San Francisco, CA

August 2018 - May 2021

- Collaborated with a team of developers to create a customer relationship management system using **Java** and **MongoDB**, improving customer retention by 15%.
  - Played a key role in version control and collaboration using **Git**, ensuring smooth integration of new features and bug fixes.
  - Developed RESTful APIs in **Python** to facilitate communication between microservices, enhancing overall system performance.
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## Skills

- **Java** (Expert): Developed robust backend systems and optimized database interactions.
  - **React** (Intermediate): Built interactive user interfaces for web applications, enhancing user engagement.
  - **MongoDB** (Intermediate): Implemented NoSQL database solutions for scalable applications.
  - **Git** (Intermediate): Managed version control for multiple projects, ensuring code integrity and collaboration efficiency.
  - **Python** (Intermediate): Created automation scripts and backend services to improve operational workflows.
  - **Rust** (Beginner): Exploring systems programming and contributing to small-scale projects.
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## Projects

- **Data Analytics Dashboard**: Designed and developed a web-based dashboard that aggregates and visualizes key performance metrics, improving reporting speed for users by 40%.
- **Microservices Architecture**: Architected a microservices-based solution for a complex e-commerce platform, increasing system resilience and scalability.

- **Payment Processing System:** Developed a secure payment processing module that reduced processing times by 20%, enhancing customer satisfaction.
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## Certifications

- Microsoft Azure Developer
  - Scrum Master Certification
  - Docker Certified Associate
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## Education

### Bachelor of Science in Computer Science

*University of California, Berkeley*

*Graduated: May 2018*

- Graduated with Honors
  - Relevant Coursework: Data Structures, Algorithms, Web Development, Database Management
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## Additional Information

- **Languages:** Fluent in English and Spanish
- **Hobbies:** Enjoy coding challenges, open-source contributions, and attending tech meetups to stay updated with industry trends.