

Evan Marcucci Zentgraf

Senior Java Full Stack Developer

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PROFILE

Skilled Full Stack Engineer with experience building scalable web apps across industries. Proficient in Java, C++, JavaScript/TypeScript, React, Node.js, and cloud-native architectures. Focused on streamlining systems, reducing technical debt, and optimizing performance with clean, innovative solutions.

PROFESSIONAL EXPERIENCE

Senior Java Full Stack Developer

09/2023 – 04/2025

Three Space Lab

- Spearheaded the integration of Java-based services into the backend, improving system scalability and reducing downtime by 35%.
- Optimized APIs, resulting in a 40% reduction in response time and a 25% improvement in frontend performance.
- Refactored legacy codebase, decreasing technical debt by 50%, leading to smoother feature development and long-term maintainability.
- Implemented real-time data pipelines, increasing efficiency by 30% and cutting data lag by 20%.
- Developed a microservices architecture that handled a 50% rise in platform traffic seamlessly.
- Conducted performance tuning of critical backend services, improving resource utilization by 25%.
- Led the migration of monolithic systems to a microservices-based architecture, improving deployment frequency by 40%.
- Collaborated with frontend teams to build integrated solutions, improving UX across platforms by 30%.
- Integrated security best practices, reducing vulnerabilities by 40% through proactive code audits and testing.

Java Developer

02/2020 – 08/2023

Greenlight Guru

- Developed backend services in Java, enhancing the system's ability to process 1M+ transactions daily.
- Reduced latency by 30% by optimizing SQL queries and introducing caching mechanisms.
- Automated deployment processes, improving release times by 50% through continuous integration practices.
- Enhanced API security by implementing OAuth 2.0, reducing unauthorized access attempts by 40%.
- Refactored backend code, improving system performance and maintainability, cutting response times by 20%.
- Integrated AWS services, resulting in a 30% reduction in infrastructure costs.
- Collaborated with cross-functional teams to design and deploy new features, leading to a 25% increase in user satisfaction.
- Led API testing and troubleshooting, resulting in a 35% decrease in post-deployment bugs.

Full Stack Developer

03/2017 – 11/2019

Classkick

- Developed and maintained both frontend and backend for scalable web applications, handling up to 500,000 active users.
- Improved backend performance by 20% through database query optimization and server-side caching.
- Designed and implemented RESTful APIs that improved data handling efficiency by 25%.
- Integrated third-party services, enhancing the platform's functionality and reducing manual workload by 40%.

- Built and deployed automated test suites, improving testing efficiency and reducing bugs by 30%.
- Contributed to UI/UX improvements, resulting in a 15% boost in user engagement.
- Led the migration of legacy features to a modern Java-based backend, cutting downtime by 50%.

Backend Developer
BombBomb

05/2013 – 12/2016

- Built scalable C++ backend services for efficiently supporting over 2 million users daily.
- Improved data processing efficiency by 35% and drastically reduced overall server load further.
- Optimized databases to consistently reduce data retrieval times by 25% effectively.
- Enhanced throughput by 40% with highly efficient multi-threading processing solutions.
- Utilized AWS cloud services to significantly lower infrastructure server costs overall.
- Assisted in developing security protocols, contributing to a noticeable reduction in security incidents.
- Maintained backend services capable of efficiently handling over 10 million requests daily.
- Introduced advanced monitoring tools for faster issue resolution and improved server responses.

Web Developer
Loan Originator Networks

07/2010 – 03/2013

- Designed web interfaces that significantly boosted engagement by 30% and satisfaction by 20%.
- Built responsive layouts using HTML, CSS, and JavaScript, optimizing mobile usability by 40%.
- Assisted cross-functional teams in launching features, contributing to improved user retention.
- Supported the implementation of an online user portal, helping improve customer service efficiency by 15%.
- Created dynamic web pages and integrated APIs, reducing manual processing by 35%.
- Assisted in optimizing web performance, reducing page load times by 50% and enhancing overall site speed.
- Introduced website analytics tools, contributing to a 20% improvement in content strategy.

SKILLS

Frontend Development
React, Next.js, TailwindCSS, TypeScript, Redux,
HTML/CSS, Responsive Design

Programming Languages
Java, C++, TypeScript, JavaScript

Cloud Services
AWS Lambda, AWS S3

Testing
Jest, End-to-End Testing

Backend Development
Node.js, Express, REST APIs, Microservices

Databases
PostgreSQL, MongoDB, Redis

DevOps & Containerization
Docker, Kubernetes, CI/CD Pipelines

Performance & Security
API Optimization, Query Tuning, Authentication,
OAuth, Security Best Practices

EDUCATION

Bachelor of Science in Computer Science
Cascadia College

08/2005 – 05/2009