

Marshall Castillo

Architect/Team-lead Full Stack Developer

SUMMARY

I am a Senior Full Stack Developer with over 10 years of extensive and deep experience designing, developing, and deploying high-performance web applications and enterprise-level platforms. My expertise spans the entire technology stack, allowing me to deliver robust, scalable, and maintainable solutions from concept to production.

TECHNICAL SKILLS

Main Technical Skills	React (7 yr.), Node.js (7 yr.), Express (7 yr.), MongoDB (7 yr.)
Programming Languages	JavaScript (8 yr.)
JavaScript Frameworks	Express (7 yr.), Node.js (7 yr.), React (7 yr.)
Security	AWS Security Groups
Databases & Management Systems / ORM	MongoDB (7 yr.)
UI Frameworks, Libraries, and Browsers	CSS (8 yr.), HTML (8 yr.)
Amazon Web Services	AWS Security Groups
Azure Cloud Services	Azure DevOps (5 yr.)
Google Cloud Platform	GCE
Methodologies, Paradigms and Patterns	Agile (8 yr.), microservices (5 yr.)
QA, Test Automation, Security	API testing, JUnit (2 yr.)
SDK / API and Integrations	API testing
Deployment, CI/CD & Administration	CI/CD (5 yr.)
Soft Skills	Critical Thinking, Leadership
iOS Libraries and Tools	MDM
Blockchain and Decentralized Software	Optimism
Project Management & Administration	Project Management

UI/UX/Wireframing	Responsive Design (7 yr.)
Version Control	SVN (8 yr.)
Mail / Network Protocols / Data transfer	WebRTC
File Systems, Storage	XML
Other Technical Skills	Public Relations, Teamwork

WORK EXPERIENCE

Freelancer, Tailored Marketing Strategies and Brand-Development Solutions

Duration: 06/2025 - Present

Summary:

- Provided tailored marketing strategies and brand-development solutions to clients across tech, SaaS, and digital-product sectors after completing contract with Palo Alto Networks
- Built and executed data-driven marketing campaigns that increased client acquisition rates by 25–40% depending on project scope
- Improved brand positioning for early-stage companies, resulting in 15%+ growth in customer engagement within the first 90 days
- Developed content and messaging frameworks that boosted lead-conversion rates by up to 30% for long-term clients

Responsibilities: Developed and executed marketing campaigns, improved brand positioning, created content and messaging frameworks to boost lead conversion and customer engagement.

Technologies: Marketing analytics tools, data-driven campaign platforms

Senior Full Stack Developer & Team Leader, High-Performance Scalable Web Solutions

Duration: 01/2023 - 06/2025

Summary:

- Led a team of 6 developers, delivering high-performance, scalable web solutions that improved product stability and user satisfaction by 22% YoY
- Architected and implemented full-stack features using React, Node.js, Express, and MongoDB, enhancing platform efficiency and reducing load times by 28%
- Managed and optimized engineering resources and project timelines for initiatives exceeding \$1M
- 2M+ in annual technical scope
- Ensured consistent code quality and system reliability across 15+ services, reducing critical production issues by 17%
- Collaborated with product, design, QA, and DevOps teams to deliver multi-region feature deployments with seamless integration and minimal downtime

Responsibilities: Team leadership, full-stack feature architecture and implementation, resource and timeline management, code quality assurance, cross-team collaboration for multi-region deployments.

Technologies: React, Node.js, Express, MongoDB



Full Stack Developer, Web Applications Development and Optimization

Duration: 05/2018 - 02/2023

Summary:

- Led full-stack development of web applications using React, Node.js, Express, and MongoDB, improving platform performance and stability across multiple product teams
- Designed and optimized scalable APIs and microservices, reducing server response times by 35% and improving system reliability
- Built reusable UI components and frontend architectures that improved development speed by 25% across engineering teams
- Ensured consistent brand application across all digital assets, increasing customer trust and reducing user experience inconsistencies by 30%
- Implemented CI/CD pipelines, automated deployments, and cloud infrastructure improvements, decreasing deployment errors by 40%
- Collaborated with cross-functional teams to deliver new features, contributing to a 20% increase in user adoption and engagement
- Conducted performance tuning, debugging, and refactoring, reducing production issues by 30% and enhancing overall code quality

Responsibilities: Full-stack development, API and microservices design and optimization, UI component and frontend architecture development, brand consistency enforcement, CI/CD pipeline implementation, cloud infrastructure improvements, cross-team collaboration, performance tuning and debugging.

Technologies: React, Node.js, Express, MongoDB, CI/CD tools, cloud infrastructure

Junior Developer, Web Applications Development and Maintenance

Duration: 06/2016 - 04/2018

Summary:

- Assisted in developing and maintaining web applications using JavaScript, HTML, CSS, and early React/Node fundamentals
- Fixed bugs, improved UI components, and optimized front-end performance, reducing load times by 20% on key pages
- Collaborated with senior developers on API integrations and backend improvements, contributing to 5+ successful product releases
- Wrote automated test scripts that improved testing coverage by 25%, reducing recurring issues in production
- Gained foundational experience in Agile workflows, Git version control, and full-stack development practices

Responsibilities: Bug fixing, UI component improvement, front-end performance optimization, API integration assistance, backend improvements, automated test script writing, Agile workflow participation.

Technologies: JavaScript, HTML, CSS, React (fundamentals), Node.js (fundamentals), Git

EDUCATION

- **Master of Computer Science**
Greenwood university, USA
2015 - 2018



CERTIFICATION

- **Advanced training in full-stack development, cloud computing, API design, database optimization, cybersecurity fundamentals, CI/CD automation, and modern JavaScript frameworks**

Completed advanced training to stay current with industry best practices.

