MISSION MARCUS

Senior Full Stack Software Engineer

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PROFILE

Senior Software Engineer with 7+ years building high-performance distributed systems at scale — including production services touching Amazon's 300M+ global customers. Experienced across the full stack with Java, Python, TypeScript, React.js, and AWS. Passionate about crafting systems that are as reliable as they are fast, and drawn to engineering cultures where quality and craft genuinely matter.

SKILLS

Languages: Java, Python, TypeScript, JavaScript, C++, Swift, HTML/CSS
Frontend: React.js, React Native, UI/UX Design
Backend & Cloud: Node.js, Microservices, REST APIs, Serverless, AWS (CDK, Lambda, S3, EC2), GCP, Azure
DevOps: Infrastructure as Code (CDK), CI/CD (GitHub Actions, Jenkins, CodeDeploy), Distributed Systems
Practices: System Design, Agile/Scrum, Technical Mentorship, On-Call Operations, Observability
Other: Unity, SQL

EXPERIENCE

Senior Software Engineer | Capital One

Dec 2024 – Present

- Architected and shipped self-service UI portal enabling real-time credit bureau data access for 20+ enterprise clients, reducing engineer support ticket volume by 30%.
- Maintained 100% SLA compliance across production systems by triaging and resolving high-severity vendor incidents and outages.
- Authored onboarding documentation and coding standards adopted team-wide, cutting new engineer ramp-up time by 50%.
- Resolved production-level technical challenges directly with 20+ enterprise clients, driving measurable improvements in satisfaction.

Software Development Engineer II | Amazon

Mar 2024 – Dec 2024

- Designed and launched the online seller enrollment experience for Ships In Product Packaging; optimized file upload pipeline achieving a >30% reduction in response times.
- Led cross-functional implementation of Seller Fees system changes across Amazon, coordinating finance, legal, and product teams.
- Built observability frameworks — monitoring dashboards, CloudWatch alarms, automated testing — reducing mean time to detection (MTTD) by 100%.
- Engineered safety-critical lab certification systems supporting seller compliance workflows at Amazon scale.

Software Development Engineer I | Amazon

Aug 2022 – Mar 2024

- Developed customer-facing and internal applications in React.js, Java, and TypeScript serving Amazon's 300M+ global customers.
- Architected fault-tolerant cloud infrastructure using AWS and Infrastructure as Code (CDK), achieving 99.99% uptime SLA.
- Resolved critical on-call incidents for FBA (Fulfillment by Amazon), contributing to a significant reduction in P0/P1 escalation rate over 18 months.
- Mentored 4 new engineers on deployment best practices and coding standards, improving estimated team velocity by 30%.
- Authored technical design documents and led system design reviews, shaping architectural decisions across multiple service teams.

Senior Advanced Application Engineer | Accenture

Aug 2021 – Aug 2022

- Built and maintained scalable full-stack applications on multi-cloud architectures (AWS, GCP, Azure) using React.js, TypeScript, Node.js, and Python.

- ☐ Resolved cloud compliance and security vulnerabilities across 3 production environments, ensuring enterprise security policy adherence.
- ☐ Implemented CI/CD pipelines via GitHub Actions and AWS CodePipeline, reducing release cycle time by 50%.

EDUCATION

B.S. Computer Science | University of Illinois at Chicago | 2017–2020 | GPA 3.6 | Minor: Mathematics

CERTIFICATIONS

- ☐ AWS Certified Solutions Architect – Associate · Amazon Web Services
- ☐ AWS Certified Developer – Associate · Amazon Web Services
- ☐ Java Certified Developer · HackerRank
- ☐ Python Certified Developer · HackerRank