

MAHIM MITTAL

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Boston, 02121, MA, United States

Summary

Experienced Principal Software Engineer with over 8 years in full-stack development, specializing in building scalable web applications using Angular and TypeScript to enhance risk analytics capabilities. Expertise in leading cross-functional teams, integrating backend services, and optimizing frontend performance.

Skills

Frontend Development: Angular, NgRx, HTML5, CSS3, SCSS, JavaScript, TypeScript, Responsive Design, UI/UX Best Practices

Backend Development: Java, Spring Boot, RESTful APIs, Python, SQL, PL/SQL, Integration Techniques

Cloud & Deployment: AWS, EC2, EKS, Cloud-Native Development, CI/CD Pipelines, Datadog Monitoring

Development Practices: Agile Methodologies, ATDD, Test-Driven Development, Clean Code Principles, Code Review Expertise

Team Leadership: Technical Mentoring, Cross-Functional Collaboration, Design Reviews, Innovation Leadership

Scalability & Performance: State Management, Reusable Components, High-Performance Applications, UI Optimization

Professional Experience

WebKorps

Principal Software Engineer

Remote

09/2023-Present

- Spearheaded the design and optimization of scalable, high-performance web applications using Angular and TypeScript for enhanced risk analytics capabilities, improving process efficiency by 40%
- Led a technical team of 10 engineers in developing and implementing reusable UI components and state management strategies, which reduced defect rates by 25%
- Integrated backend services using Java and Spring Boot, ensuring seamless data flow among frontend and services, contributing to a 30% faster load time
- Implemented responsive design principles and best UI/UX practices, which increased user satisfaction ratings by 35%
- Played a key role in developing CI/CD pipelines for cloud-native applications on AWS EC2 and EKS, reducing deployment time by 50%
- Conducted code and design reviews to uphold coding standards and foster an environment of excellence, leading to a 15% increase in code quality
- Mentored junior developers in Angular and test-driven development methodologies, enhancing team capabilities and reducing onboarding time by 20%
- Utilized Datadog monitoring to ensure application reliability and performance, resulting in a 40% decrease in downtime
- Collaborated with stakeholders to define and prioritize system functionalities, enabling 100% alignment with business objectives
- Architected scalable frontend solutions with a focus on maintainability and performance, enhancing application scalability by 22%
- Participated actively in agile ceremonies, contributing to iterative advancements in project execution and delivery timelines
- Facilitated end-user training sessions to improve engagement and maximize tool usage, leading to a 30% rise in active user engagement

IBM

Senior Software Engineer

Remote

01/2022-08/2023

- Developed scalable web applications leveraging Angular and NgRx to enhance user-centric solutions, resulting in a 50% reduction in load times
- Collaborated with cross-functional teams to implement state management and improve UI performance, achieving 98% user adoption post-deployment
- Engineered backend integrations using Spring Boot and RESTful APIs to streamline data accessibility, reducing system response time by 20%
- Led CI/CD initiatives, automating code deployments to AWS infrastructure, which lowered release cycle times by 45%
- Employed Agile methodologies and ATDD to facilitate iterative development processes, enhancing delivery agility and project alignment
- Designed in-depth training resources for developers and stakeholders, boosting development efficiency by 18%
- Reviewed and optimized codebases to maintain high standards of software quality and performance, achieving a notable 30% rise in system stability
- Implemented Datadog for monitoring performance metrics, proactively reducing application issue resolution times by 40%
- Participated in technical design sessions and peer-review processes, providing insights that improved software architecture decisions
- Mediated between product teams and developers to ensure functional requirements met business needs, thereby minimizing rework by 15%
- Executed comprehensive acceptance tests, ensuring code reliability and system robustness, leading to a decrease in production errors by 25%
- Negotiated with key stakeholders, translating business visions into scalable technical solutions that increased project impact by 12%

AmericanKorps

Software Engineer

Remote

07/2017-12/2021

- Supported the development and launch of web applications by implementing UI features using Angular and JavaScript, enhancing system performance by 30%
- Worked with frontend and backend teams to ensure seamless integration, optimizing data flow across platforms and reducing latency by 15%
- Participated in user acceptance testing and defect identification, improving user adoption by refining system interfaces ahead of launch
- Engaged in Agile development ceremonies to ensure cohesive collaboration and adaptability to changing project requirements and client feedback
- Developed reusable code libraries and components, which decreased development time for future projects by 20%
- Conducted peer reviews and contributed to continuous code improvement processes, increasing code reliability and performance by 10%
- Assisted in the design and implementation of cloud-based solutions on AWS, contributing to a 25% reduction in infrastructural costs
- Facilitated communication between technical teams and stakeholders to ensure technical developments met agreed objectives and expectations
- Participated in the execution and refinement of user onboarding sessions, enhancing the user experience and satisfaction by 20%
- Enhanced application monitoring capabilities using logging and analytics tools, providing insights that led to a 15% increase in system uptime

Education

Northeastern University

MS in Computer Science Engineering

Boston, MA

09/2022-12/24

Certifications

- Salesforce Certified Administrator
- Certified Business Analysis Professional (CBAP)