Mohmmed (Ehsan) Haque

SOFTWARE ENGINEERING LEADER, MENTOR, COACH & ARCHITECT

Profile

Experienced software engineering leader with over 20 years of technical expertise, strong communication and planning skills, delivering scalable systems for organizational growth and adaptability.

Employment History

Senior Manager, Software Engineering, Capital One, Vienna, VA

JANUARY 2018 — PRESENT

- Successfully spearheaded the system redesign of the data pipeline, resulting in annual maintenance cost savings exceeding $350,000. This initiative significantly improved reliability and durability, while enabling the implementation of multiple high-value projects for our customer servicing enterprise platform.
- Currently leading and managing three high-performing teams responsible for maintaining, enhancing, and developing features for our click stream data pipeline.
- Consistently recruited, managed, coached, and mentored a talented group of full-stack engineers, fostering their growth and contributing to their high performance.
- Led six dynamic full-stack software engineering teams in the design and development of critical components for our customer servicing platform. Each team, led by a technical expert and comprising 4 to 5 skilled engineers, played a vital role in its success.
- Demonstrated exceptional leadership by facilitating productive working sessions with diverse stakeholders, resulting in the definition of project roadmaps, budgets, and key performance indicators (KPIs) within an Agile development environment.

Manager, Software Engineering, Capital One, Vienna, VA

DECEMBER 2015 — JANUARY 2018

- Successfully managed multiple teams in the seamless migration of Canadian and Partnership accounts to a new customer servicing platform. Additionally, led the development of in-house solutions to replace a vendor-based system, resulting in a substantial annual maintenance cost reduction of $200 million.
- Led the design and development of a personalized homepage experience delivery engine for capitalone.com, along with critical components that significantly improved homepage speed and efficiency.
- Played a key role in the design and development of essential components to facilitate the complete migration of the homepage from a legacy system to the AngularJS platform.
- Provided exceptional leadership as the head of an R&D team in Capital One Lab, delivering a project for SXSW Presentation that showcased innovative ideas and cutting-edge technologies.

Details

Bristow, VA, United States
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Skills

Leadership
Recruitment & Hiring
Product Planning & Development
Project & Resource Planning
Agile
DevOps
Department management
Relationship building
Technical Proficiencies: AWS, Python, Java, Angular, NodeJS
Database design and management: MySQL, PostgreSQL
Quality Assurance & Automation: Test Automation, CI/CD
System Debugging and Troubleshooting
Disaster Recovery and Resiliency
Technical Integration and Problem Solving

Technical Manager, Ganz - Webkinz.com, Woodbridge, ON

APRIL 2015 — NOVEMBER 2015

- Successfully led the revamp of 75% of webkinz.com's backend infrastructure, incorporating valuable stakeholder feedback within an agile environment. This initiative resulted in enhanced performance and functionality.

- Demonstrated strong communication skills by creating customized presentations tailored for both technical and non-technical audiences. Led engaging discussions on business and technical solutions, effectively bridging the gap between different stakeholders and driving alignment.

Software Development Manager, SoCast SRM, Toronto, ON

OCTOBER 2014 — MARCH 2015

- Successfully managed four teams, consisting of two web development teams, one mobile team, and one QA team. Effectively coordinated their efforts, ensuring seamless collaboration and efficient project execution.

- Demonstrated strong leadership skills by facilitating backlog scoring, tracking progress, and effectively translating complex issues into actionable and effective solutions.

- Maintained high standards of quality and performance by conducting regular reviews, thorough analysis, and diligent correction of any identified issues or challenges. This commitment to excellence ensured the delivery of top-notch results.

Principal Software Engineer, Feature Creep Technologies, Toronto, ON

JULY 2013 — SEPTEMBER 2014

- Played a pivotal role in the end-to-end software development lifecycle by designing, coding, testing, and deploying new features and functionality. Adhered to industry-leading CI/CD best practices, ensuring efficient and reliable delivery of software solutions.

- Demonstrated a strong commitment to quality by significantly improving test coverage from 20% to an impressive 85%. This comprehensive test coverage helped identify and mitigate potential issues, enhancing the overall reliability and stability of the system.

Education

Bachelor in Information Technology
Charles Sturt University
Wagga Wagga, NSW, Australia