

ABUL QASIM

Software Engineering Manager

Ottawa, ON • +1.613.793.0724 • abulqasim110@gmail.com • linkedin.com/in/abulqasim

PROFESSIONAL SUMMARY

Results-driven Software Engineering Manager with **9+ years** of progressive experience leading high-performing engineering teams and delivering enterprise-scale products. Proven track record of managing **cross-functional teams of 7+ engineers**, driving **100% on-time delivery** through optimized Agile processes, and architecting microservices solutions on AWS/GCP. Expert in full-stack development with deep technical leadership experience across Java, React, Ruby on Rails, and modern cloud technologies. Successfully modernized legacy financial systems, led digital transformation initiatives, and mentored 20+ developers throughout career while maintaining exceptional team retention rates.

CORE COMPETENCIES

Leadership & Management

Team Leadership (7-10 engineers) • Agile/Scrum Master • Stakeholder Management • Technical Strategy • Performance Management • Hiring & Mentoring

Backend Technologies

Java • Spring Framework • Ruby on Rails • Node.js • Python • C# • .NET • REST/GraphQL APIs • Microservices Architecture

Database & Data

PostgreSQL • MySQL • MongoDB • Redis • Apache Kafka • SQL Server • Data Modeling • Performance Optimization

Cloud & DevOps

AWS (EC2, S3, RDS) • Google Cloud Platform • Docker • Kubernetes • CI/CD Pipelines • Infrastructure as Code • Monitoring

Frontend Technologies

React.js • Vue.js • AngularJS • JavaScript/ES6+ • HTML5/CSS3 • Responsive Design • Material UI • Backbone.js

Tools & Methodologies

Git/GitHub • JIRA • New Relic • Raygun • TDD/BDD • Code Reviews • Agile/Scrum • Technical Documentation

PROFESSIONAL EXPERIENCE

Software Development Manager

Aug 2023 - Present

Allocadia (Uptempo)

- Led cross-functional team of **7 engineers, 1 PM, and 1 UX designer** delivering enterprise marketing operations platform serving **500+ enterprise customers**
- Architected and delivered scalable microservices solutions using *Java, Spring Boot, Apache Kafka, React, GraphQL, MySQL* achieving **99.9% uptime**
- Optimized Agile processes and sprint planning, achieving **95% on-time delivery** and **20% improvement in sprint velocity**
- Implemented comprehensive monitoring with *AWS CloudWatch, Raygun, New Relic* reducing mean time to resolution by **30%**
- Established 1:1 coaching and career development programs resulting in **zero voluntary turnover** and **3 internal promotions**
- Collaborated with C-level executives and product stakeholders to define technical roadmap and prioritize high-impact features

Development Team Lead / Senior Full Stack Engineer

Jul 2022 - Aug 2023

Telus International

- Led engineering team of **6 developers** building customer-facing telecommunications applications serving **1M+ active users**
- Designed and implemented containerized microservices architecture using *Docker, Kubernetes on Google Cloud Platform* improving deployment efficiency by **40%**
- Developed high-performance web applications using *Ruby on Rails, Vue.js, React, Backbone.js, Node.js* with comprehensive test coverage
- Established code review standards, mentoring protocols, and best practices increasing team code quality metrics by **25%**
- Collaborated with cross-functional product, design, and QA teams to deliver **20+ major features** aligned with business objectives

Senior Full Stack Engineer / Team Lead

Mar 2020 - Sep 2021

Guardian Capital (Modern Advisor)

- Led team of **5 Full Stack Engineers** modernizing legacy financial management systems to automated portfolio management platform
- Architected and developed fintech applications using *Ruby on Rails, AngularJS, React, Node.js, Material UI* handling **\$50M+ in assets**
- Implemented comprehensive TDD practices using *RSpec framework*, achieving **85% test coverage** and reducing production incidents by **35%**
- Collaborated with financial advisors and compliance teams to ensure regulatory adherence and seamless user experience
- Optimized database performance and implemented caching strategies improving application response times by **30%**

Full Stack Web Developer

Jun 2019 - Mar 2020

National Judicial Institute

- Developed judicial education web applications and automation tools using *ColdFusion, Mura CMS, Hibernate ORM*
- Built advanced ColdFusion Components (CFCs) with complex business logic for legal case management systems
- Designed responsive interfaces using *HTML5, CSS3, JavaScript* improving user engagement by **20%**
- Implemented automated testing frameworks ensuring **98% application uptime** for critical judicial systems

Software Developer

Jan 2018 - Jun 2019

Department of National Defence

- Designed and developed secure web-based defense applications using *.NET Framework, C#, ASP.NET* for military operations
- Architected efficient *SQL Server* databases and stored procedures optimizing data retrieval by **25%**
- Facilitated cross-departmental communication gathering requirements for mission-critical government systems
- Ensured compliance with government security standards and implemented robust authentication mechanisms

ADDITIONAL PROFESSIONAL EXPERIENCE

Web Developer (Freelance)

[AQI Blockchain Intelligence](#)

Jan 2016 - Aug 2017

- Designed and developed custom e-commerce websites using WordPress CMS and PHP
- Built blockchain analytics dashboards with real-time data visualization
- Implemented secure payment gateways and cryptocurrency integration

Design Engineer

[MDS Aero Support](#)

2013 - 2016

- Administered engineering design workflows and approval processes for aerospace components
- Developed CAD automation tools improving design efficiency by 25%
- Collaborated with cross-functional teams on aircraft maintenance solutions

Computer Science Professor (Part-time)

[Algonquin College](#)

Aug 2019 - Present

- Deliver lectures and labs for Web Development, OOP Java, Mobile Development, and Computer Architecture
- Mentor 100+ students annually in software development and career guidance
- Developed curriculum for modern web technologies and industry best practices

Full Stack Bootcamp Instructor

[University of Toronto](#)

Sep 2022 - Mar 2023

- Designed comprehensive MERN stack curriculum (MongoDB, Express, React, Node.js)
- Trained 50+ students in full-stack development and GraphQL
- Achieved 95% student completion rate and 85% job placement rate

EDUCATION & CERTIFICATIONS

Bachelor of Applied Engineering, Computer Science

[University of Ottawa](#)

Honors with Specialization in Management and Entrepreneurship • GPA: 3.8/4.0 • 2015-2018

Diploma in Robotics Engineering

[Algonquin College](#)

Dean's Honor List 2010-11, 2011-12 • 2010-2012

LEADERSHIP & TEACHING IMPACT

Lead Instructor - Web Development

[W3Schools.com](#)

May 2023 - Dec 2023

- Led instruction in front-end and back-end development technologies
- Mentored teaching assistants and created cohesive learning experiences
- Specialized in HTML, CSS, JavaScript, Git, React, Node.js, and SQL

Key Achievements

[Career Highlights](#)

2015 - Present

- Mentored 20+ junior developers with promotion