

ALI SINA

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OBJECTIVE

Versatile and detail-oriented Software Engineer with four years of experience in software development, microservices, cloud computing, and system integration. Skilled in translating user needs into technical specifications, optimizing software lifecycles, and delivering scalable, high-performance applications. Seeking to leverage my expertise in Java, Spring Boot, AWS, and CI/CD to contribute to your team's success.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, TypeScript, HTML, CSS

Database and Data Management: PostgreSQL, Oracle SQL, ERD creation, Database optimization

Security Protocols: Logging, error handling, adherence to security standards, API security

Tools and Frameworks: Spring Boot, Maven, Gradle, Angular, Swagger, Selenium, Apache JMeter, Postman, Apache Tomcat, AWS (EC2, S3, Lambda, CloudWatch), CI/CD (Azure DevOps, GitHub Actions), Atlassian Suite (JIRA, Confluence), ServiceNow

PROFESSIONAL EXPERIENCE

Software Developer

Toronto, ON

Zeno Group Canada

June 2023 – May 2024

- Translated user requirements into technical specifications by creating **UML diagrams** and **ERDs**, enhancing communication between technical and non-technical stakeholders.
- Built and optimized **Spring Boot APIs**, achieving a 17% improvement in system performance by implementing coding best practices and algorithm optimizations.
- Conducted **JUnit** and **Selenium** testing to validate functionality and enhance application reliability.
- Followed release management processes and applied **Git-based version control**, ensuring consistent code deployment.

Junior Backend Developer

Calgary, AB

Nude Solutions

May 2023 – Sep 2023

- Developed and packaged microservices using **Spring Boot** and managed dependencies with **Maven**, delivering scalable insurance tech solutions.
- Wrote and optimized complex **PostgreSQL** queries, reducing database query response times by 27%.
- Evaluated and implemented **AWS Cloud Components** for API deployment, **improving system uptime by 25%**.
- Troubleshooted and debugged core software components in **Linux environments**, resolving 95% of reported issues within SLA timelines.
- Automated unit and load testing using **JUnit** and **Apache JMeter**, enhancing system reliability.

Software Engineer Intern

Toronto, ON

TS Analytics Canada Ltd

Jun 2019 – Sep 2020

- Designed and implemented technical solutions for project management tools, seamlessly integrating **Angular UI components** with backend APIs, improving data flow efficiency by 30%.
- Debugged and maintained Angular UI applications using **TypeScript**, resolving 90% of reported issues within SLA timelines and optimizing user interface performance under enterprise constraints.
- Conducted root-cause analysis for UI/UX issues, leveraging Angular debugging tools and Chrome DevTools to enhance responsiveness and reduce load times by 25%.
- Deployed and monitored APIs on **Apache Tomcat**, ensuring 99% uptime across multiple environments.
- Created comprehensive design documentation, including **SA design diagrams** and **ERDs**, to improve team onboarding and streamline cross-functional collaboration.
- Set up CI/CD pipelines using **Azure DevOps** and **GitHub Actions**, increasing deployment efficiency by 20%.

PROJECT

LONGBOX | Java, Spring, Hibernate, PostgreSQL, IntelliJ, Eclipse ([Github Link](#))

Feb 2024

- Designed and implemented a comic book recommendation application as the team lead for a 4-person project using **Java** and **Spring Framework**.

- Built a recommendation algorithm leveraging **50+ data points** to personalize suggestions, enhancing user engagement.
- Recognized with the **Most Innovative Project Award** by Lassonde School of Engineering for creativity and technical excellence.

EDUCATION

York University
Bachelor of Engineering., Spec. Hons. - Software Engineering
Relevant Coursework: Software Development Life Cycle, Cloud Computing, System Design, Data Structures & Algorithms

Toronto, ON
GPA: 3.7/4.0

University of Applied Science and Technology of Tehran
Bachelor of Science, Computer Science

Tehran, Iran
GPA: 3.4/4.0

KEY ACHIEVEMENTS

- Optimized system performance by 25% through targeted backend improvements and testing.
- Translated complex user needs into simplified, scalable solutions, resulting in improved client satisfaction scores.
- Delivered enterprise-ready web components within strict business and security constraints.

CERTIFICATIONS

- **AWS Certified Developer – Associate, (Expected Jan 25)** AWS, In Progress, AWS EC2, S3, Lambda, CloudWatch.
- **Certified Java Developer, Oracle, March 2023**, Java, Spring Boot, API Development.
- **Agile Software Development, Coursera, June 2023**, CI/CD, GitHub Actions, Testing Best Practices.

VOLUNTEERING EXPERIENCE

Engineering Representative
Lassonde Engineering Society

Toronto, ON
May 2023 – Sep 2023

- Advocated for the needs of over 300 engineering students by organizing workshops, networking events, and feedback sessions to improve the student experience.
- Supported the planning and execution of society events, including technical competitions and hackathons, driving a 20% increase in student engagement.

INTERESTS

- Building accessible, high-performance web interfaces.
- Exploring frontend optimization and data visualization.