# 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**, reducing project turnaround time by 17%.
- Built and optimized **Spring Boot APIs**, supporting 1,000+ daily active users and improving API response times by 300ms.
- Conducted **JUnit and Selenium testing**, identifying and resolving 50+ critical bugs prior to production deployment.
- Followed release management processes and applied **Git-based version control**, maintaining 100% on-time deployments over 10 months.

**Junior Backend Developer**                                                                                     Calgary, AB
Nude Solutions May 2023 – Sep 2023
- Developed and packaged microservices using **Spring Boot**, enabling the onboarding of three enterprise clients with an estimated revenue increase of $500K annually.
- Wrote and optimized complex **PostgreSQL queries**, processing 100K+ records daily with 30% faster query execution.
- Deployed APIs using **AWS Cloud Components**, reducing infrastructure costs by 20% through resource optimization.
- Debugged and resolved 100+ core software issues in **Linux environments**, achieving a 48-hour average resolution time.
- Automated unit and load testing using **JUnit** and **Apache JMeter**, increasing test coverage by 40% across critical modules

**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**                                                                                            Toronto, ON
Bachelor of Engineering., Spec. Hons. - Software Engineering                                                  **GPA:** 3.7/4.0
**Relevant Coursework**: Software Development Life Cycle, Cloud Computing, System Design, Data Structures & Algorithms

**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.