

Ali Nakhaeisharif

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SUMMARY

Versatile and results-driven Software Engineer with over 5 years of experience developing scalable applications and cloud-native services in fast-paced Agile environments. Adept in full-stack development, algorithm design, microservices architecture, and real-time data processing. Proven track record of delivering reliable, high-performance solutions used by over 10 million users.

WORK EXPERIENCE

Full-Stack Software Engineer | MealLens AI (Mitacs Project) | Feb 2025 – Jun 2025

- Designed and developed cross-platform mobile applications (iOS, Android) and a Progressive Web App (PWA) using React Native and Expo.
- Engineered a robust and scalable backend system using Java and Spring Boot, ensuring secure and efficient service delivery.
- Configured and maintained cloud infrastructure using AWS services (EC2, RDS, S3) to support seamless deployment and scalability.
- Implemented RESTful APIs and integrated real-time communication features to improve user engagement and application responsiveness.
- Collaborated with cross-functional teams to align front-end and back-end components, optimizing performance and maintainability.

Back-End Software Engineer | Neshan Maps & Navigator | Aug 2021 – Feb 2025

- Promoted to Assistant Team Lead, mentoring junior developers and enhancing collaboration across engineering and product teams.
- Optimized performance by rewriting critical components in C++ with JNI, reducing memory usage by 40% and boosting app responsiveness.
- Developed and deployed real-time algorithms for traffic pattern detection and departure time prediction, achieving 85% accuracy.
- Improved ETA precision and data processing speed by streamlining geographic data pipelines and implementing caching strategies.
- Implemented robust system monitoring using Prometheus and Grafana, ensuring near 100% uptime and early issue detection.

Front-End Software Engineer | Smart Construction Group | Oct 2020 – Sep 2021

- Led the front-end development of a mobile application used by over 500 construction workers to streamline daily progress reporting.
- Built and maintained 50+ reusable React Native components, improving code maintainability and enabling cross-platform consistency.
- Conducted usability testing and implemented UI/UX improvements, resulting in a 90%+ user satisfaction rate.
- Integrated real-time data synchronization and offline functionality to ensure reliable performance in field environments.
- Collaborated with back-end developers to enhance API efficiency and documented front-end architecture for future scalability.

EDUCATION

- Master of Science in Computer Science | Sep 2023 – Jun 2025
 - Bachelor of Science in Computer Engineering | Sep 2018 – Mar 2023
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SKILLS

- **Languages:** Java, JavaScript, Python, C++, UNIX Shell Scripting
- **Frameworks & Libraries:** Spring Boot, React.js, Angular, React Native, Expo, JUnit, Apache Spark
- **Databases:** PostgreSQL, Oracle, MongoDB, MS SQL Server, Redis, Hibernate ORM
- **Cloud & DevOps:** Docker, AWS (EC2, S3, RDS, Lambda), OpenShift, Kafka, Jenkins (CI/CD), gRPC
- **Interpersonal:** Agile Development, Problem Solving, Team Collaboration, Rapid Learning