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 | 2024 - 2025
- Designed and developed cross-platform mobile applications (iOS, Android) using React Native.
- Engineered a robust and scalable backend system using Java, Spring Boot, and PostgreSQL, ensuring secure and efficient service delivery.
- Implemented secure REST APIs (OAuth, JWT, role-based access) with validation & error schema.
- Configured and maintained cloud infrastructure using AWS services (EC2, RDS, S3) to support seamless deployment and scalability.
- Collaborated with the AI team to implement RESTful APIs for real-time AI feature detection, enhancing user interaction quality.

Back-End Software Engineer | Neshan Maps & Navigator | 2021 – 2025
- Promoted to assistant team lead, I mentored junior developers and enhanced collaboration across engineering and product teams in an agile working environment.
- Reduced services memory usage by 40%, improved throughput by re-implementing bottleneck modules in Go/Rust/C++ (JNI), and eliminated excessive object allocations in Java.
- Implemented predictive ETA and departure time algorithms using Python, Java, and Kafka for streaming data, achieving ~85% accuracy for the validity of suggested departure times.
- Improved data processing speed by utilizing Apache Kafka and Spark for streamlining geographic data pipelines (instead of the legacy batch process), reducing from average 3min to <1min.
- Implemented robust system monitoring using Prometheus, Grafana, and Zabbix to ensure near 100% uptime and early issue detection.

Front-End Software Engineer | Smart Construction Group | 2020 – 2021
- Led the front-end development of a construction tracker application used by over 500 workers.
- Built and maintained 50+ reusable React Native components, improving code maintainability and enabling cross-platform consistency.
- Conducted usability testing and UI/UX improvements, resulting in a 90%+ user satisfaction rate.

EDUCATION
- MSc in Computer Science | University of Windsor | 2023 – 2025
- BSc in Computer Engineering | Ferdowsi University | 2018 – 2023

SKILLS
- **Languages:** Java, JavaScript, Golang, Python, C++, UNIX Shell Scripting
- **Tech Stack:** Spring Boot, React.js, Kafka, RabbitMQ, Apache Spark, gRPC, React Native, JUnit
- **Databases:** PostgreSQL, Oracle, MongoDB, Redis, Hibernate ORM
- **DevOps:** Docker, Kubernetes, AWS (EC2, S3, EKS, RDS), OpenShift, Jenkins (CI/CD)
- **Interpersonal:** Agile Development, Problem Solving, Team Collaboration, Rapid Learning