

Ammar Nabulsi

Last Updated on 3rd January 2022

Solutions Architect and Engineer
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EXPERIENCE

NEST WEALTH | STAFF SOFTWARE ENGINEER

March 2021 - Present | Toronto, Ontario

- Worked on wealth management platform used by Canada's largest banks.
- Reduced the time of daily ingestion of millions of rows by a factor of 3.
- Replaced complex and expensive integration systems with Apache Camel.
- Built expressive and error-tolerant full-text search on top of Postgres.
- Took the lead on DevOps tasks including CI/CD and AWS deployments.
- Stack: **Node.js** | **TypeScript** | **Python** | **Java** | **NestJS** | **Angular** | **Postgres** | **DynamoDB** | **Spark** | **ECS** | **Lambda** | **Step Functions** | **SQS** | **SNS** | **GitLab**

ELM | SENIOR SOFTWARE ENGINEER

April 2019 – August 2020 | Riyadh, Saudi Arabia

- Scaled our in-house built IoT platform to handle more than 4000 requests/s.
- Designed APIs used daily by major ride-hailing companies like Uber.
- Fine-tuned SQL indexes and queries for complex reporting and geofencing.
- Implemented concurrent server-side vehicle clustering algorithm.
- Added geofences drawing, evaluation and enforcement using GeoJSON.
- Continuously enhanced the architecture of the system and evaluated technologies for adoption.
- Worked closely with operations team to diagnose production issues.
- Led several major refactoring efforts to keep the codebase clean.
- Mentored junior developers and prepared onboarding reading materials.
- Stack: **Java** | **Spring** | **Hibernate** | **Angular** | **SQL Server** | **Couchbase** | **RabbitMQ** | **Redis** | **Kubernetes**

ELM | SOFTWARE ENGINEER

April 2017 – April 2019 | Riyadh, Saudi Arabia

- Modernized and moved an internal platform from Java EE 6 to Spring Boot and from jQuery to Angular.
- Integrated with several internal and external systems using REST and SOAP.
- Worked on 3 MVPs that were a great success and grew into full projects with their own dedicated development teams.

ELM | JUNIOR SOFTWARE ENGINEER

April 2014 – April 2017 | Riyadh, Saudi Arabia

- Worked on a web and mobile social applications for ideas sharing and collaboration. The system features comments and mentions, likes and subscriptions, statistics and BI dashboards, full-featured admin panel with dynamic permission system, automated emails and push notifications.
- Developed a mobile application for managing events starting from registration phase up until the end of the event. The app allows you to view the agenda in details, get a brief about the speaker, view the slides, ask questions and receive them in real-time. The app was used successfully by Ministry of Interior for an event with more than 400 attendees.
- Built several PoCs including Android applications, hybrid applications using Ionic, web applications using .NET, Node.js and Angular.
- Stack: **C#** | **ASP.NET** | **Ionic** | **Node.js** | **MongoDB**

EDUCATION

PRINCE SULTAN UNIVERSITY

B.S. IN COMPUTER SCIENCE

June 2014 | Riyadh, Saudi Arabia

Cum. GPA: 3.97 / 4.0

Recognized by WES as equivalent to 4 years Canadian B.S.

TRAININGS

Cloudera Developer Training for Apache Spark and Hadoop
2019 | London, UK

Advanced Java Web Services Training
2019 | Riyadh, Saudi Arabia

Introduction to Service-Oriented Architecture (SOA)
2017 | London, UK

Building Web Applications with Angular
2016 | Khobar, Saudi Arabia

SKILLS

Languages and Runtimes:

Java • Go • Node.js • JavaScript

Frameworks and Libraries:

Spring • Hibernate • NestJS • Angular

Databases:

Postgres • SQL Server • MongoDB • Redis

Integration:

Kafka • RabbitMQ • SQS • SNS

Architecture:

AWS • Microservices • NoSQL

LINKS

Website:// ammar.fyi

Email:// hi@ammar.fyi

GitHub:// [anabulsi](https://github.com/anabulsi)

LinkedIn:// [ammar-nabulsi](https://www.linkedin.com/in/ammar-nabulsi)