

Ahmed Saber

Senior Senior Software Engineer | Building Scalable Backend Solutions

SUMMARY

Senior Software Engineer with over 6 years of backend development expertise, specializing in Node.js, Java Spring Boot, and serverless architectures. Significant experience in building scalable solutions on AWS, leading technically challenging projects in the banking sector at Boubyan Digital Factory and Nomo Bank. Proven track record of implementing best practices and standards in coding, testing, and optimizing performance. Strong foundation in computer science with a Bachelor's in Structural Engineering from the German University in Cairo. Proficient in Go, Redis, and event-driven programming, coupled with Agile and Scrum methodologies. Multilingual with fluency in English, German, and Arabic.

TECHNICAL SKILLS

Main Technical Skills	Node.js (4 yr.), Spring model-view-controller (MVC) framework, Architecture and Design Patterns (1 yr.), Go
Programming Languages	Go, Java, PHP
PHP Frameworks	Laravel
JavaScript Frameworks	Node.js (4 yr.), React
Java Libraries and Tools	Spring model-view-controller (MVC) framework
Databases & Management Systems / ORM	MongoDB, Redis
Cloud Platforms, Services & Computing	GCP
Methodologies, Paradigms and Patterns	Architecture and Design Patterns (1 yr.), microservices architecture, Scrum, TDD
Operating Systems	Linux
Project Management & Administration	Project Management

WORK EXPERIENCE

Senior Software Engineer, Boubyan Digital Factory for Nomo Bank

Duration: February 2023 - May 2024 (1 year 4 months)

Summary:

- Design, develop, test, and deploy scalable and secure Node.js backend services for various banking features and functionalities using serverless architecture and cloud platforms (AWS)

Responsibilities: Troubleshoot, debug, and resolve issues in backend services, implement best practices for coding, testing, documentation, and performance optimization of Node.js applications, collaborate with various stakeholders to understand requirements

Technologies: Node.js, Serverless Architecture, AWS

Senior Software Engineer, Jumia Group

Duration: April 2021 - January 2023 (1 year 10 months)

Summary: Participated in digital invoicing system integration in several countries and supported the alignment and understanding of external provider guidelines and regulations (API provided for tax-systems, the proper formats for the invoices submitted)

Responsibilities: Participation in business workshops and backlog refinements, development, optimization of database and infrastructure resources

Technologies: APIs, Database Optimization

Senior Software Engineer, Garment IO

Duration: March 2020 - March 2021 (1 year 1 month)

Summary: Led initiatives for architectural and infrastructural changes aimed at stabilizing the application, and served as a SDM involving scrum master duties to facilitate agile practices

Responsibilities: Backend team leadership, participation in business workshops, and backlog prioritization

Technologies: Node.js, MongoDB, HTML, CSS, JavaScript, React JS, Linux, GCP, Git, Redis

Software Engineer, Garment IO

Duration: December 2018 - February 2020 (1 year 3 months)

Summary:

- Backend development using Node.js
- js for IoT device and web frontend platforms, migration of the project to React JS

Responsibilities: Creating RESTful APIs, database design, feature implementation on frontend, dev-ops activities

Technologies: Node.js, MongoDB, HTML, CSS, JavaScript, React JS, Linux, GCP, Git, Redis

Freelance Web Developer, Self-Employed

Duration: January 2018 - January 2019 (1 year 1 month)

Summary: Development of backend systems using native PHP as well as Laravel MVC package, and frontend implementation using Laravel Blade engine

Responsibilities: Backend and frontend development, database management

Technologies: PHP, Laravel, MySQL, HTML, CSS, JavaScript

Geotechnical Site Engineer, Structural Engineer, Greater Cairo Metro - Line 3 - Phase 4b, Burullus Combined Cycle Power Plant

Duration: December 2015 - November 2017 (2 years)

Summary: Engagement in various construction projects, including the Greater Cairo Metro and Burullus Combined Cycle Power Plant

Responsibilities: Geotechnical site engineering and structural engineering duties

Junior Teaching Assistant, Courses: Introduction to Computer Science, Introduction to Computer Programming

Duration: September 2013 - June 2014 (10 months)

Summary: Teaching courses in computer science, introducing students to problem-solving with algorithms in labs, and training them in object-oriented programming languages such as Java

Responsibilities: Educational instruction, laboratory application of teaching concepts

Technologies: Java, Object-Oriented Programming

EDUCATION

- **Bachelor of Science (BSc), Structural Engineering**
2009 - 2015
- **High school**
1996 - 2009

CERTIFICATION

- **Certificate of Attendance of SIYB TOT**
- **Advanced Data Analysis Nano Degree**
- **edX Verified Certificate for Applied Scrum for Agile Project Management**
- **edX Verified Certificate for Agile Innovation and Problem Solving Skills**
- **edX Verified Certificate for Sprint Planning for Faster Agile Team Delivery**