Mahmod Mahajna

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About

Full Stack Developer familiar with a wide range of technologies and programming languages, Knowledgeable of backend and frontend development requirements.

Work Experience

➔ **Jul 2023 - Present: Freelance Software Engineer**
- ◆ Key Qualifications & Responsibilities
  - Designing, implementing as well as delivering well-tested solutions for individual clients.
  - Using cutting-edge technologies in cloud based environments
  - Providing technical consultation and guidance to clients
- ◆ Technologies
  - Infra: AWS, Azure, Kubernetes, Docker, Serverless
  - Back-end: Python (django, flask, fastAPI, sqlAlchemy), C# (web API, signalR, entity framework), SQL (AWS RDS, azure SQL), NOSQL (AWS dynamoDB, azure Cosmos DB, redis)
  - Front-end: Angular 15+ , React (thunks, context, redux), Typescript , Javascript , SCSS , i18n, async programming, NPM, Jest
  - Version-control: Git (GitHub, GitLab)
  - CI/CD: GitHub, GitLab

➔ **Nov 2021 - Jul 2023: Back End Developer at Via**
- ◆ Key Qualifications & Responsibilities
  - Responsible for developing as well as maintaining a core product for managing shifts of drivers, a microservice-based shift management system.
  - Developing core features in multi-tenant cloud-based microservices for enhancing drivers, riders as well operators experience and their ability to interact with one another.
  - Designing, implementing and delivering well-tested solutions for complex problems in multiple flows.
- ◆ Technologies
  - Back-end: Python, Nodejs (typescript), AWS serverless (lambda), API Gateway, SQS, SNS, RDS (MySQL), Redis, DynamoDB, Snowflake, Epsagon, Docker, K8s, Linux
  - Version-control: Git (GitHub, GitLab)
  - CI/CD: Jenkins, GitLab
  - Misc: HTTP/HTTPS (REST), WebSockets, AMQP, JSON

➔ **Jan 2021 - Nov 2021: Full Stack Developer at Munters**

- ◆ Key Qualifications & Responsibilities
  - Worked on microservices-based applications running on-prem as well as on azure cloud.
  - Developed core features using cutting-edge technologies including but not limited to: .Net Core (C#), SignalR, Entity framework ORM, RabbitMQ, Bash, Postgres, Angular 11+, Typescript, SCSS over embedded linux OS.
  - Contributed in performance optimization process in multiple stacks, a means to enhance resources utilization in systems with limited resources.
  - Fixed production bugs targeting the core of the system.
  - Worked closely with software architects, tech leads, embedded developers, UI/UX.
- ◆ Technologies
  - Back-end: ASP.NET Core (C#) , Web Api , SignalR , Postgres , RabbitMQ , EF ORM , Bash , Docker, Azure (IoT) - SaaS, PaaS, FaaS, etc..
  - Front-end: Angular 11+ , Typescript , Javascript , SCSS , i18n, async programming, NPM, Jest
  - Version-control: Azure DevOps, Git
  - Project Methodology: Agile
  - Misc: HTTP/HTTPS (REST), WebSockets, MQTT, AMQP. JSON

➔ **Jan 2018 - Dec 2020: Full Stack Developer at HOT**
- ◆ Key Qualifications & Responsibilities
  - Developed Core SPA using ASP.NET Core, Web API, MSSQL in the backend and Angular 10, Typescript, JS, CSS3, Bootstrap, HTML5 in the front end
  - Contributed In Content Management System migration process by writing powershell, SQL scripts to automate the process of migration.
  - Developed new features and plugins for the new CMS
  - Designed and developed e2e features for internal services (HOT, NEXTTV)
- ◆ Technologies
  - Back-end: ASP.NET Core, Web Api, MSSQL, Entity Framework, Umbraco.
  - Front-end: Angular 10 , Typescript , Javascript , Ajax , HTML5 , Bootstrap , CSS3
  - Version-control: TFS , Git.
  - Misc: HTTP/HTTPS (REST), WebSockets, JSON, XML, SOAP

➔ **2016 - 2017: College Lecturer At Al-Qasemi Academic College**

Education

- **2020 - 2020: Penetration Testing Course (PWK) At Offensive Security**

- ○ Passive Information Gathering , Active Information Gathering, Vulnerability Scanning, Buffer Overflows , Win/Linux Buffer Overflow Exploitation , Working with Exploits, File Transfers , Privilege Escalation, Client Side Attacks , Web Application Attacks, Password Attacks , Port Redirection and Tunneling, The Metasploit Framework , Bypassing Antivirus Software
- **2017 - 2017: Full Stack Web Development Bootcamp At Experis Software**
  - ○ An Intensive **1080** hours bootcamp covering the following key topics:
    - HTML , CSS , Javascript , Advanced JS , Jquery , Reactjs , Angularjs , Nodejs , Socket IO , Ajax, Design Patterns (MVC, Singleton, Factory, etc...) , Mysql , MongoDB , Data Structures , 5 Major Projects
- **2015 - 2017: Bsc In Computer Engineering | Ruppin Academic Center**
- **2014 - 2016: Practical Computer Software Engineering Diploma | Al-Qasemi College of Science and Engineering**

Languages

1. Arabic - Native Proficiency
2. Hebrew - Professional Working Proficiency
3. English - Professional Working Proficiency
4. Japanese - Limited Working Proficiency