Mohamed Sharif

Full Stack Developer

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★ Summary

Dynamic Full-Stack Developer with a robust focus on backend engineering and a proven ability to architect and implement scalable, cloud-based solutions using AWS. With over five years of experience in corporate and project-based environments, I specialize in delivering high-performance applications that prioritize user experience, security, and operational efficiency. Skilled in NodeJS, AWS Lambda, and a wide range of backend and frontend technologies, I have successfully led the development of complex systems and contributed to cross-functional teams, driving projects from concept to deployment. Known for my proactive problem-solving approach and bilingual communication skills, I excel in collaborative environments and thrive on building innovative solutions that meet business objectives.

★ Professional Experience

Backend Engineer - *TAP (Talent Acceleration Program) - Remote*

January 2023 - Present

- Lead development of the admin panel apps.
- Develop backend with lambda functions with API Gateway.
- Express backend develop and deploy to EC2 instances.
- Build reliable, scalable and high availability backend services.

Software Developer - *Kiitos - Remote*

October 2019 - December 2022

- Developed and maintained various outsourcing projects including a comprehensive Radiology center management system and an e-commerce platform.
- Integrated systems with various APIs and ensured robust backend functionality with focus on security and efficiency.
- Worked on the Fabric Inc support team, managing updates and enhancements for clients projects.

Project Developer - *Founder & Coders - Remote*

June 2018 - July 2018

- Designed and developed an MVP web application for a real client, handling all phases from requirement gathering to deployment.
- First collaboration with an international team and client from the UK.

★ Professional Experience

Full-Stack Development Camp - *Gaza Sky Geeks - Hebron*

October 2018 - April 2019

- Intensive 6-month full-time course covering both front-end and back-end technologies.
- Developed practical skills in NodeJS, ReactJS, JavaScript, TypeScript, and SQL databases.
- Engaged in team-based projects, enhancing teamwork and communication skills.

★ Education

Palestine Polytechnic University (Hebron) - *BA*

September 2014 - August 2018

- Bachelor degree in Computer Science.
- Focusing on the software engineering process.
- Advanced courses in software testing.

★ Technical Expertise

Backend Development:

- Proficient in NodeJS/ExpressJS for building robust server-side applications.
- Experienced in implementing AWS Lambda functions for scalable cloud-based solutions.
- Skilled in deploying applications using CloudFormation with SAM templates.
- Able to write comprehensive test cases and utilize testing tools like Jest.
- Proficient in managing both SQL (Postgres) and NoSQL (DynamoDB) databases.
- Knowledgeable in using database ORMs, particularly Sequelize.
- Capable of deploying major updates live without disrupting user experience or data integrity.
- Experienced in building integrations with systems that have limited API capabilities.
- Skilled in optimizing systems for cost while ensuring high availability.
- Proficient in setting up and managing cron jobs either on a schedule or triggered from code.
- Experienced with AWS SDK for managing resources directly from NodeJS applications.
- Extensive experience with AWS services, including EC2, VPC, DynamoDB, RDS, Lambda, EventBridge, CloudFormation, CloudWatch, S3, Cognito, CloudFront, ElastiCache, Certificate Manager, IAM, and API Gateway.

Frontend Development:

- Skilled in using ReactJS and NextJS with JavaScript or TypeScript for front-end development.
- Proficient in deploying NextJS applications using Vercel.
- Experienced with state management using Redux and context API.
- Proficient with various CSS frameworks and pre-processors including Material Design, Ant Design, Styled Components, and SASS.
- Capable of converting design wireframes into functional, responsive code, ensuring compatibility across various screen sizes.
- Passionate about UX/UI design, with a strong understanding of design patterns.

★ EXTRACURRICULAR & VOLUNTEER ACTIVITIES

Web Design Trainer, Hebron (2 times) - *HTML/CSS teacher*

July 2018 & July 2019

- 10 days, 4-hours a day of **speed program**.
- Students are between 13-17 years old.
- Program by Paltel Group.

Children Summer Camp Mentor, Hebron

January 2017

- 10 days camp for children..
- Local trips during the camp.
- Kids' ages range from 6 - 12 years old.