Hesham Tarek

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SUMMARY

A highly skilled and passionate Senior Full Stack Developer with over six years of experience in building scalable web and mobile applications. Adept in front-end and back-end technologies, with a strong focus on JavaScript frameworks such as Vue.js, React, Node.js, and cloud platforms like Azure and AWS. I have extensive experience managing both server-side and client-side architecture, integrating RESTful APIs and optimizing application performance. My expertise extends to database management (MongoDB, SQL), DevOps, and CI/CD pipelines. I am dedicated to solving complex problems, delivering quality solutions, and driving project success through leadership and collaboration.

EXPERIENCE

Senior Fullstack Developer

Sword　　　　　　　　　　　　　　　　**December 2024 – Present, California, USA (remote)**

· Collaborated with product managers and stakeholders to gather requirements, define technical strategies, and ensure timely delivery, maintaining a 98% client satisfaction rate.

· Built and maintained fullstack applications using Vue.js, React, Node.js, PostgreSQL, Firebase, and AWS, leading to a 22% improvement in application performance and reduced infrastructure costs.

· Led integration of CI/CD pipelines with GitHub Actions and AWS CodePipeline, reducing release times by 50% and increasing deployment reliability.

Senior Fullstack Developer

Clixsys　　　　　　　　　　　　　　　　　　　**July 2020 – December 2024, Cairo, EG**

· Led over 50+ client meetings to gather requirements, define project workflows, and understand client needs, achieving a 95% satisfaction rate and ensuring alignment with business goals and expectations.

· Designed, developed, and maintained 16+ platforms, including cross-platform mobile applications, admin panels, and web applications, resulting in a 30% increase in client retention and 25% faster project delivery times.

· Utilized a diverse tech stack: Vue.js, React, Node.js, MongoDB, PostgreSQL, Firebase, and Capacitor Framework, to deliver scalable and efficient solutions that reduced operational costs by 20%.

· Implemented and managed CI/CD pipelines using Azure DevOps, automating build, test, and deployment processes, improving development efficiency by 40%.

Assistant Lecturer

Arab Academy for Science, Technology and Maritime Transport　　**September 2019 – July 2024, Cairo, EG**

· Handled internal audits and ISO preparation, ensuring compliance with educational standards and contributing to a 100% success rate in external audits.

· Created study materials, assignments, and worksheets for students, improving student comprehension and engagement.

· Taught programming-related courses, including web development and algorithms, to classes of 50+ students, achieving an 85% average pass rate.

Fullstack Developer

Markov Analytics　　　　　　　　　　　　　　　　**September 2019 – July 2020, Cairo, EG**

· Developed and launched 10+ landing pages for various clients, enhancing user engagement and contributing to an increase in lead generation across projects.

· Collaborated with a team of developers to build an HR dashboard, streamlining employee management processes and improving team

· productivity.

· Maintained and improved the Node.js backend, optimizing server-side logic and implementing Redis caching techniques, resulting in a 30% reduction in API response times and improved application scalability.

EDUCATION

Master of Science in Electronics & Communication Engineering

Arab Academy for Science, Technology and Maritime Transport · Cairo, EG · 2022 · 3.85

· Thesis : Combining Computer Vision & Deep Learning for Tomato Leaf Disease Detection.

· Publication : https://doi.org/10.3390/electronics11010140

Bachelor of Science in Electronics & Communication Engineering

Arab Academy for Science, Technology and Maritime Transport · Cairo, EG · 2019 · 3.96

· Graduation Project : IoT Platform using ESP32 For Greenhouse Management

CERTIFICATIONS

Vue.js Certification

2024

Satellite Orbits Control

Nilesat · 2018

SKILLS

Front-End: Vue.js, React, Quasar Framework, HTML5, CSS3, JavaScript (ES6+), TypeScript, Responsive Design, Vite

Back-End: Node.js, Express.js, RESTful APIs, GraphQL, PostgreSQL, MongoDB, Redis Mobile

Development: Capacitor Framework, Cross-Platform Development (iOS/Android) Cloud &

DevOps: Azure DevOps (CI/CD), AWS, Firebase, Docker

Version Control: Git, GitHub, GitLab

Database Management: SQL, NoSQL, MongoDB, PostgreSQL, Supabase

Other Tools: Figma, Postman, Jira, Agile Methodologies