Maged Bebawy

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Summary

With over 6 years in the IT field and 3 years specialized experience as a software engineer, I bring expertise in full-stack web development with advanced knowledge in JavaScript, Node.js, React.js (including Hooks and Redux), SQL, and AWS (EC2, Lambda, RDS). Passionate about crafting scalable software that addresses tangible business challenges. I thrive in collaborative environments and am committed to upholding the highest quality standards in all my projects.

Work Experience

Full Stack Developer
Mar 2023 – present

Self Employed

Remote

Technologies: Javascript node.js • React Js • PostgreSQL • AWS (Amazon Web Services) • Github

- Engaged with a varied clientele to convert visions into actionable specifications, resulting in comprehensive web applications. Utilized a full-stack approach with technologies such as HTML, CSS, JavaScript, React, Node.js, and both SQL/NoSQL databases.
- Developed user-centric, responsive UI/UX designs, and built robust server-side components. Emphasized secure authentication, data efficiency, and business logic using Node.js, paired with strategic database modeling.
- Seamlessly integrated third-party APIs, including payment systems and social platforms, bolstered by rigorous quality assurance methods. Demonstrated proficiency in cloud deployment, particularly with AWS services.
- Authored in-depth technical resources, from API docs to user guides, ensuring ease of future maintenance and system comprehension. Prioritized optimization and scalability in both design and documentation.

Senior Software Engineer
Mar 2022 – Mar 2023 • 1 yr

Prezent.ai

Remote

Technologies: Javascript node.js • PostgreSQL • AWS (Amazon Web Services) • Python • Vue.js

- Designed and implemented strong back-end infrastructures using AWS services, Node.js, and PostgreSQL, ensuring seamless integration with Lambda, API Gateway, DynamoDB, and CloudWatch.
- Partnered with front-end developers and cross-functional teams for cohesive integration. Conducted rigorous testing using Chai JS to ensure codebase reliability and robustness.
- Proactively identified and resolved challenges in back-end systems to maintain optimal application performance. Authored optimized PostgreSQL queries and database objects.
- Created intuitive UI components with Vue.js, enhancing user experience. Maintained systematic version control using Git, ensuring collaborative development and backups on GitHub.

Software Engineer

Mar 2021 – Mar 2022 • 1 yr

Brillio

Remote

Technologies: Javascript node.js • React Js • Oracle SQL • Python • Gitlab

- Built intricate Node.js APIs tailored for high-traffic scenarios, ensuring durability and the ability to handle thousands of calls per minute.
- Developed and employed RESTful web services for essential CRUD operations. Collaborated with backend teams to optimize and deprecate unnecessary API calls, ensuring streamlined functionality.
- Demonstrated proficiency in Oracle SQL, formulating and executing a variety of queries to facilitate seamless CRUD operations in the Oracle database.
- Implemented strict version control practices using Git, frequently updating and sharing code on GitHub, fostering efficient collective development.

Software Engineer Intern

Nov 2020 – Mar 2021 • 4 mos

Sollers

Remote

Technologies: Javascript node.js • React Js • MongoDB • Express (express.js) • Github

- Acquired foundational expertise in the MERN stack, assisting in both front-end development with React for dynamic web pages and backend logic using Node.js & Express, ensuring seamless data flow.
- Collaborated on NoSQL database design and management with MongoDB, executing efficient CRUD operations. Played an active role in application testing to ascertain reliability and code quality.
- Engaged closely with seasoned developers for constructive code reviews, feedback, and pair programming sessions. Adopted version control best practices using Git, mastering fundamental operations on platforms like GitHub.
- Continually expanded knowledge through workshops, webinars, and learning sessions, delving deeper into the MERN stack, emerging web development trends, and industry best practices.

IT Technician

Feb 2018 – Nov 2020 • 2 yrs 9 mos

HelloTech

Rancho Cucamonga, CA, United States

- Offered first-tier technical support to end-users for both hardware and software challenges across a range of devices. Installed, updated, and optimized systems, combined with routine checks, to ensure consistent performance and preempt potential issues.
- Aided in the establishment, upkeep, and troubleshooting of LAN and Wi-Fi networks for secure and stable user connectivity. Overseen data backup processes and supported recovery operations, securing crucial data.
- Maintained comprehensive logs of technical problems, resolutions, and system upkeep tasks, facilitating effective issue resolution and historical reference. Delivered training and guidance to users, covering software applications and vital security best practices.
- Prioritized preventative maintenance, identifying forthcoming challenges, and implementing measures to guarantee continuous operations.

Educations

Bachelor's degree: Computer science

Jul 2017 – Dec 2020 • 3 yrs 5 mos

University of Maryland University College

Adelphi, MD, United States