

Maged Bebawy

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GitHub: <https://github.com/magedbebawy>

Seasoned software engineering professional with over 7 years in the IT field, including 4 years specializing in full-stack development. Possess extensive skills and expertise in full-stack development, with advanced proficiency in JavaScript, Node.js, Vue.js, React.js (including Hooks and Redux), SQL, and AWS (EC2, Lambda, RDS). Demonstrates a strong passion for developing scalable software solutions that address real-world business challenges across diverse environments.

Full-Stack Engineer | Kida Tronics Group | Orange, CA | March 2023 – Present

- Engaged with clients to convert visions into actionable specifications, resulting in comprehensive web applications, utilizing a full-stack approach with technologies such as HTML, CSS, JavaScript, React.js, Node.js, and both SQL/NoSQL databases.
- Developed user-centric, responsive UI/UX designs and built robust server-side components, emphasizing secure authentication, data efficiency, and business logic using Node.js, paired with strategic database modeling, which delivered applications that met client specifications and enhanced user experience.
- Seamlessly integrated third-party APIs, including payment systems and social platforms, applying rigorous quality assurance methods, which improved application functionality and reliability.
- Demonstrated proficiency in cloud deployment, utilizing AWS services, ensuring scalable and reliable application performance.
- Authored in-depth technical resources, from API docs to user guides, ensuring clarity and thoroughness for future maintenance and system comprehension, which facilitated ongoing system optimization and scalability.

Senior Software Engineer | Prezent | Palo Alto, CA | March 2022 – March 2023

- 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 | Brillio | San Ramon, CA | Nov 2020 – March 2022

- 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.

IT Technician | HelloTech | Rancho Cucamonga, CA | Feb 2018 – Nov 2020

- 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.

Education

Bachelor of Science in Computer Science

University of Maryland University College

Jul 2017 – Dec 2020

Skills

Technical Skills: JavaScript, Node.js, React.js (Hooks, Redux), SQL, NoSQL, HTML, CSS, AWS (EC2, Lambda, RDS), Vue.js

Soft Skills: Communication, Teamwork, Problem-solving