Olivia Madrid

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SUMMARY

Results-driven Senior Engineer with 12 years of experience in designing, building, and delivering high-quality software solutions across diverse environments, from dynamic startups to large multinational corporations. Demonstrated ability to collaborate with cross-functional teams, drive architectural decisions, and successfully deliver complex projects.

EXPERIENCE

Senior Front-End Engineer/Full Stack Developer

Minds.com   **June 2019 - Present，Remote**

- Led development and maintenance of countless key features using Angular and TypeScript, including advanced data visualizations and multi-factor authentication. Leveraged custom APIs, Strapi headless CMS and GraphQL for content management and data querying.
- Negotiated effectively with UX designers and developers to find a balance between design aspirations and the practicalities of development resource constraints.
- Unified team alignment and ensured consistent understanding across different teams by implementing a design system with Storybook and establishing a developer documentation site.
- Directed a comprehensive audit to eliminate approximately 25% of obsolete front-end code, streamlining the codebase and enhancing future efficiency through extensive refactoring.
- Wrote extensive end-to-end and spec tests, strengthening the overall robustness of our codebase.
- Designed and implemented a scalable and maintainable CSS/SCSS architecture, establishing cohesive site-wide systems for color themes and reusable core design elements.
- Built features that align with established design systems with little to no input from design teams.
- Handled full-stack development tasks, including API endpoints, CLI tools, and database management.
- Played a key role in the on-call emergency team, addressing critical infrastructure issues and ensuring system reliability.

IT Consultant/Senior Business Analyst/Business Analyst

Crown Worldwide Holdings   **June 2012 - June 2019，Hong Kong**

- Crafted tailored interactive dashboards to demystify relational database data, aiding leadership in making data-informed decisions in areas of customer relationship management, sales data interpretation, and market trend monitoring.
- Optimized database queries to enhance processing performance with large data sets.
- Developed a company-wide intranet, attracting about 3,500 user sessions daily, as part of a two-person team. This involved transitioning from a local, on-premise system to a global, cloud-based CMS using SharePoint, with a focus on security, scalability, and compatibility with legacy systems.
- Contributed to strategic decision-making for long-term site structure, governance documentation and operational best practices. Streamlined processes, automated as much as possible, made it intuitive for site owners to maintain and users to adopt.
- Collaborated with and gathered nuanced information from department heads to create subsites for different business units, with special attention to information architecture design, workflows, forms, and permissions-based content access.
- Adapted various JavaScript frameworks and libraries to deliver custom widgets within the constraints of the SharePoint environment.
- Tracked and reported user behavior and trends using Google Analytics.

EDUCATION

Bachelor of Arts in Music

Minor in Government & Legal Studies • Bowdoin College • Brunswick, ME • 2010

- Music degree focus in interactive electronic composition.

COURSEWORK

Front-End Web Development

General Assembly • 2013

SKILLS

Angular, JavaScript, TypeScript, GraphQL, HTML, CSS, SCSS, RxJS, server-side rendering (SSR), Git, UX, UI, npm, Node, Strapi, JavaScript frameworks, PHP, MySQL, ElasticSearch, DevOps, Cassandra, CI/CD, Docker, Kubernetes, AWS, EKS, GKE, EC2, JavaScript frameworks, SEO, Figma, REST API, Jasmine, Karma, Gulp, Data Visualization, Internationalization, Localization, Business Intelligence, SharePoint, QlikView, MaxMSP