Manuel Duran

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EDUCATION

HackReactor@Galvanize   Austin, TX
Bootcamp Completion in Advanced Software Engineering   *Dec 2019 – Nov 2020*

Texas State University   San Marcos, TX
Courses toward Bachelor of Science in Biochemistry   *June 2015 – Dec 2017*

EXPERIENCE

Contractual   *Nov 2023 – Present*

- Early-Stage Tech Startup (WholeHearts) - Engineered a comprehensive dating coaching app that integrates with OpenAI, providing young professionals with AI-driven conversational insights to enhance all stages of the online dating process.
- Early-Stage Healthcare Startup (Clem Health) - Engineered a fully functional AI medical scribe for doctors, leveraging React, Node.js, Terraform, AWS, Deepgram, and OpenAI APIs, automating documentation and improving doctor-patient interactions by streamlining clinical note generation.

Frontend Software Engineer   Sep 2022 – Nov 2023
AirX   *San Francisco, CA / Remote*

- Spearheaded the development of core appointment capture features, achieving a 20% increase in booked appointments, which improved user engagement and optimized clinic scheduling efficiency.
- Enhanced prescription creation workflows by streamlining form inputs and automating validation processes, reducing prescription completion times and significantly boosting clinician satisfaction.
- Led an initiative to introduce code-splitting and lazy-loading strategies, resulting in a 25% decrease in initial load times and enhancing first-time user experience on low-bandwidth connections.
- Drove a project to automate frontend deployment processes, reducing release cycles by 40% and allowing for faster feature rollouts to end-users.

Backend Software Engineer   May 2022 – Sep 2022
ShipperHQ   *Austin, TX*

- Optimized API endpoints by refining query structures and reducing data payloads, achieving a 28% decrease in response times and significantly enhancing application performance for end-users.
- Redesigned API caching strategies to minimize redundant requests, leading to a reduction in server load and improved scalability for high-traffic periods.
- Automated configuration processes for QA environments using Cypress, significantly reducing setup time and allowing for faster, more consistent testing cycles across development stages.

Software Engineer   Jan 2021 – Apr 2022
RoundUp App   *Austin, TX*

- Upgraded the non-profit search feature with enhanced filtering and relevance algorithms, resulting in a 21% increase in donor conversion rates and improving the visibility of donation opportunities.
- Refined search functionality for non-profits by implementing faceted search and keyword prioritization, allowing users to more easily find relevant causes, and contributing to a notable rise in engagement and donations.

Software Engineer/Software Engineer Intern   Jan 2020 – Jan 2021
Higher Rewards   *San Francisco, CA / Remote*

- Developed a high-performance Email/SMS/Push API in Go, leveraging Gorilla Mux and PostgreSQL, stress-tested to handle over 1000 requests per second. This API ensured reliable communication channels for high-demand applications.
- Built secure user creation workflows aligned with KYC and AML compliance standards, using tools like Auth0 for authentication and encryption with OpenSSL, ensuring adherence to regulatory standards and safeguarding user data.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Golang
Frameworks/Packages: React, Node.js, Vue, Django, Next.js, Express.js
Developer Tools: Git, Docker, AWS (S3, EC2, Elastic Beanstalk, Document/DynamoDB), Google Cloud Platform (Firebase, Firestore, Auth, Supabase (Database, Auth, Cache), Cypress.io, ChatGPT
Databases: MySQL, PostgreSQL, MongoDB