

Tomer Gev

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FULL STACK DEVELOPER | SOFTWARE SOLUTIONS DEVELOPMENT

Full Stack Software Developer with strong professional experience supporting the design, development, and implementation of server, web, and mobile applications.

Analyzes business and technology needs, recommends functional solutions, and contributes to new software design, implementation, and administration initiatives. Knowledgeable in all aspects of the software development lifecycle (SDLC). Currently seeking roles as a Full Stack Developer.

- Developed Riparian's Government Pricing enterprise application, Helix, by harnessing the expansive potential of Vue.js to craft a dynamic and intuitive frontend, while orchestrating a resilient backend infrastructure using Node.js.
- Created the Whiteblock web application using React, a JavaScript frontend framework accompanied by Redux, a state management library
- Managed and optimized Helix's API, leveraging MongoDB's cutting-edge features, including powerful pipeline operators and dynamic querying capabilities.
- Implemented server-side code across multiple projects, employing JavaScript within a Node environment alongside Sequelize, a powerful object-relational mapper, to seamlessly store data in a PostgreSQL database.

TECHNICAL EXPERTISE

LANGUAGES/Frameworks: JavaScript (**Fluent**), Vue, Node.js, React, AngularJS, HTML, CSS

DATABASES: MongoDB non-relational database, PostgreSQL relational database

OBJECT RELATIONAL MAPPER (ORM): Sequelize

MIDDLEWARE: Express.js

Version Control: GIT

CLOUD PLATFORMS: Amazon S3, Heroku

PROFESSIONAL EXPERIENCE

Full stack Developer | RIPARIAN, Pasadena, CA

January 2020 – May 2022

- Strengthened Riparian's Government Pricing enterprise application, Helix, by leveraging the full capabilities of Vue on the frontend, while applying fundamental computer programming principles in a Node environment on the backend.
- Efficiently managed and optimized a robust API, leveraging MongoDB's advanced features, including powerful pipeline operators and dynamic querying capabilities, to enhance performance and deliver efficient data management solutions.
- Engineered high-performance calculations, entrusted by clients for government reporting, with a staggering performance advantage of up to 10 times faster than rival solutions.
- Successfully oversaw the execution of a sophisticated ETL pipeline leveraging the power of Node's Stream class, enabling clients to effortlessly upload and transform massive volumes of data, ensuring optimal performance and scalability.
- Empowered clients to effortlessly view, pivot, and edit their data with a flawless spreadsheet-like experience by seamlessly integrating Ag-Grid, amplifying data visualization and manipulation capabilities to new heights.
- Utilized GIT to swiftly deploy production-critical hotfixes for the Helix application, ensuring seamless stability and minimizing downtime.

Frontend Developer | WHITEBLOCK, Irvine, CA

May 2018 - Dec 2018

- Constructed and developed the Whiteblock graphical user interface, a product which allows users to build private test networks in order to properly assess their blockchain's performance, by harnessing the capabilities of modern JavaScript in a React frontend framework
- Visualized blockchain and test-network metrics by using charts.js in conjunction with react-google-charts to convey easy-to-read analytics with data acquired in real-time via Socket.IO, an event-based communication library
- Utilized Redux, a state management library, to internally update the application's state with salient data in an effective and code-efficient manner
- Used Web3's API extensively to meticulously analyze blockchain performance, efficiently execute transactions, and upload smart contracts onto user created blockchain networks
- Applied best practices for ensuring effective enterprise software development and support processes; aligned all software enhancements with customer requirements.

Backend Developer | NAKED APPS, Irvine, CA

August 2017 - May 2018

- Created and supported all backend systems required for the Other Mind solution, specializing in JavaScript development and integrating real-time event-based communication via Socket.IO, which allowed users to send and receive messages in various types of chats.
- Harnessed the capabilities of Watson's Natural Language Understanding (NLU) services create a Chabot that enabled multiple features, including the ability for users to order Uber service and requests many types of information that was provided through AI functionalities.
- Ensured the accurate and secure completion of financial transactions by developing a peer-to-peer ACH money transferring system using Dwolla's API that featured robust tracking and error handling.
- Completed all aspects of the software development lifecycle (SDLC), including requirements gathering, design specification, testing, and implementation to production environments.
- Identified and resolved inefficiencies in software operations and interfaces, and also developed system improvements and features according to business needs.

Full Stack Developer | KNOT MY YACHT, Los Angeles, CA

March 2017 - July 2017

- Supported efforts to develop software to manage reservation process, implementing software-based reservation management and fleet management; solution improved business efficiencies by replacing manual processes with automated, manageable technology resources.
- Developed vehicle metrics for the Knot My Yacht application, using angular NVD3 graphs; utilized a Mongo aggregate pipeline to organize large amounts of information into an easy-to-read, accessible format.
- Designed the stages of the reservation process via constant refactoring of restful API calls to ensure proper management of reservations.
- Created and implemented algorithmic functions to prevent any boat from being "doubled booked," two customers booking the same boat during the same time period.
- Used responsive design to create an application with quality navigational interfaces that display correctly on desktop and mobile platforms.
- Leveraged various technologies including AngularJS, NodeJS, ExpressJS, ES6, Bootstrap 3, CSS3, Stripe, Google Maps API, AWS S3, SendGrid, PassportJS, Cron, NVD3, AJAX, jQuery, JSON serialization, Gulp, and TFS.

EDUCATION***Bachelor of Communication, Minor in Political Science - Summa Cum Laude, 3.81 GPA - Dec 2015*****SAN DIEGO STATE UNIVERSITY, San Diego, CA**