

RAUL RIVAS

FULL STACK DEVELOPER | SENIOR SOFTWARE ENGINEER

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📍 Bronx, New York

SUMMARY

I am a Full Stack Developer with over 8 years of experience in developing large-scale web applications using JavaScript ES5/ES6, JQuery, React, Vue, Angular, and Node.js. My expertise extends to .NET Core and C# for building robust backend services, as well as integrating AI-driven features to enhance user experience and optimize processes. Additionally, I have hands-on experience with Python for data manipulation, automation, and machine learning. I have worked with SQL, MySQL, PostgreSQL, and GraphQL, contributing to the development of data-driven applications. I have successfully revamped numerous websites and played a key role in the development of various web applications. With a strong focus on UI/UX-centric development, I am passionate about utilizing modern technologies and AI techniques to build scalable and efficient systems. I am eager to take on new challenges and further advance my career in a dynamic and growth-oriented role.

SKILLS

Languages & Frameworks — JavaScript, TypeScript, C#, .NET Core, ASP.NET MVC, React.js, Angular, Vue.js, Node.js, Python

Front-End — React, Redux, Angular, Vue.js, HTML5, CSS3, SASS, Material UI, Next.js

Back-End — .NET Core, ASP.NET MVC, Node.js, Express.js, NestJS, Java, Spring Boot, Python

AI & ML — OpenAI/GPT API, LLM integrations, RESTful AI endpoints, TensorFlow (basic), recommendation systems, .NET ML (ML.NET)

Databases — SQL Server, MySQL, PostgreSQL, MongoDB

Tools & Platforms — GraphQL, Git, Azure DevOps, Webpack, Gulp, Docker (basic), Jira, Agile/Scrum

WORK EXPERIENCE

Senior Software Engineer

01/2020 – Present

Assemble Inc

- Led the development of responsive, scalable applications using Angular, React, and Vue with backends in .NET and Node.js.
- Integrated LLM-based APIs into enterprise applications to enhance user interaction and data processing.
- Collaborated with data science teams to incorporate ML inference pipelines into .NET-based web services.
- Designed backend microservices using .NET Core and deployed secure REST APIs for frontend consumption.
- Optimized front-end performance and integrated AI-powered predictive search features.
- Managed cross-functional sprints under Agile methodology and ensured compliance with WCAG for UI design.
- Built custom components in React and Angular to support AI insights dashboards.

Technologies Used: Front-End: Angular, Vue, React, Redux, Redux Form, Material UI Back-End: Java, .Net, .NET Core, SpringBoot, NodeJS, NestJS, OpenAI API

Full Stack Developer

03/2016 – 12/2019

Makusafe

- Utilized the MEAN stack (MongoDB, Express.js, Angular, Node.js) to develop high-performance SPAs.
- Migrated the app from Angular 2 RC3 to Angular 2.0 Final, improving stability and performance.
- Enhanced real-time data sync and migrated Angular codebase for safety devices.
- Collaborated with clients to design and implement website layouts and color schemes.
- Developed a custom JavaScript framework with jQuery and AJAX for reusable UI widgets.
- Revamped the codebase from Angular 2 to Angular 10, implementing state management for better data sync.

- Developed UI components and plug-ins using JavaScript, HTML, CSS, and XML for seamless user interaction.
 - Resolved complex CSS issues for cross-browser consistency and improved user experience.
- Technologies Used: Front-End: HTML, CSS, jQuery, AJAX, XML, JavaScript, Angular, Vue, React, Redux Back-End: NodeJS, Express.js, NestJS Database: MongoDB - As part of the MEAN stack. Tools/Frameworks/Architecture: SPA (Single Page Applications) - Architectural style, State Management Library

FREELANCE

Ultisat

- Designed and developed UI components with React, ensuring a responsive, user- friendly interface.
- Fixed complex CSS issues in legacy code, improving design consistency and cross- browser compatibility.
- Developed new components for the CMS, enhancing system functionality.
- Integrated GraphQL APIs for efficient data retrieval and improved user interactions.
- Used Next.js for server-side rendering, optimizing performance and scalability.
- Worked with GraphQL to manage queries and enhance data flow within the application.

Technologies Used: Front-End: React, Redux, Redux Form, Material UI, Next.js Back-End: Node.js, Python, Java, PostgreSQL

FREELANCE

Data Crunch Corp

- Resolved over 300 software issues, boosting system functionality and performance.
- Collaborated with the UX team to optimize PHP and JavaScript code, reducing latency and improving user experience.
- Enhanced WordPress CMS, increasing efficiency and simplifying stakeholder interactions.
- Implemented advanced security mechanisms in SQL databases, reducing data breach risk by 30%.
- Developed responsive and dynamic user interfaces using AngularJS and Vue.js.
- Streamlined development with modern frontend tools like Webpack, Gulp, and Jasmine.
- Utilized CSS3, SASS, and HTML5 to create responsive UI templates for improved design and compatibility.
- Integrated data seamlessly using JSON and RESTful APIs for system communication.

Technologies Used: Front-End: React, Redux, Angular, Vue.js Back-End: Node.js, Python, Java, .NET

EDUCATION

Bachelors in Computer Science

City University of New York (CUNY)

10/2011 – 07/2015 | New York, NY