Steve Cruz

Senior Full Stack Javascript, Python Engineer
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With over 10 years of hands-on experience in designing web applications in various domains including Banking, E-Commerce, Artificial Intelligence, Machine Learning and Other Web and Mobile Applications, I am a self-motivated, committed and adaptable senior software engineer who excels in a fast-paced, high volume, deadline-driven environment. I am well-versed in Microservices and development methodologies such as Agile, Waterfall, Scrum, TDD and BDD.

My expertise lies in implementing web applications using MERN, MEAN, MEVN stack: (MongoDB, MySQL, Express, Node.js, Python, React/Angular/Vue) and I have strong Database skills with SQL Server, MySQL, PostgreSQL, DynamoDB, MongoDB. I possess extensive experience on modern front-end template frameworks for JavaScript including Bootstrap, jQuery, ReactJS, Vue, Svelte, and AngularJS.

I have good experience in ReactJS for creating interactive UIs using One-way data flow, Virtual DOM, JSX, React Native concepts and have extensive experience on modeling applications using MVC (Model-View-Controller) architecture.

I have expertise in designing and developing enterprise and mobile applications from design blueprint using React-Native Cross Mobile App framework for both Android and iOS applications.
I have extensive experience creating REST web services using NodeJS (Express), Python (Django) and was involved in the development of prototypes of visualizations using D3.js. I have strong experience in Designing and Programming of Algorithms in C/C++, Python for AI, ML.

I have experience using Webpack as a module bundler and performing the vast majority of the tasks, and I have worked with JavaScript testing frameworks like JEST, Jasmine, Karma, Mocha and Chai. Additionally, I have strong experience with version control tools such as GIT, SVN, Jira, Clear Case, ClearQuest, Bugzilla and BitBucket.

I possess a strong understanding of implementing AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, and Auto-scaling groups, and I have successfully replaced all legacy code with up-to-date innovative programming techniques/standards.

With a strong ability to quickly master and apply new concepts, excellent communication and analytical skills, I am confident in my ability to deliver quality work while collaborating effectively with team members.

Authorized to work in the US for any employer

Work Experience

Senior Full Stack Software Engineer
MicroMarketing, LLC
November 2018 to April 2023

• Successfully designed, developed, and deployed web and Mobile applications using Next.js, React JS, React-Native, React Redux, React Router, and Twitter Bootstrap, TailwindCSS, Material UI. Both applications were deployed to the Quality Assurance (Test) environment.
• Created Single Page Applications utilizing React Router and implemented Conditional Rendering through React Lifecycle methods.
• Designed and developed a Customer Management web-application with specific features for Create, Retrieve, and Delete operations. Implemented User Profile components using local storage and React Redux, along with a User-Logout feature using the Idle timer library.
• Utilized the callback and event-driven features of NodeJS in the Article Batch and History Components.
• Developed the Article Management web-application, utilizing conditional rendering to toggle between various views using React JS component update and State management. Inter-component interaction was facilitated through React Router.
• Designed and developed a Delete Automation Workflow for the Intranet web-application to address GDPR use cases using Hive and shell scripting.
• Developed Pig Scripts to store raw data results, control shell scripts to initiate job scheduling, and Hive Jobs to process data and inject it into HBase.
• Designed and developed enterprise-grade, high-volume, scalable, low-latency applications for business-critical systems.

Full Stack Software Engineer
MicroMarketing, LLC
May 2015 to October 2018

• Collaborated with clients, business analysts/Product Owners, project managers/Scrum Masters, and project leads to understand requirements, perform impact analysis, and finalize scope.
• Contributed to the full Software Development Life Cycle (SDLC) by identifying requirements and defining business rules to meet user requirements.
• Developed web applications using Python, Django, Flask, AJAX, JavaScript, HTML, Angular, Typescript, Bootstrap, React, Vue.
• Implemented angular feature modules that leveraged lazy loading to optimize performance.
• Developed Web services by creating a controller and its endpoints using Web API methodology with different HTTP verbs.
• Designed and implemented backend database tables, views, functions, stored procedures, packages, and indexes in SQL and Oracle.
• Experienced with DevOps/Agile operations processes and tools (Code review, Build & Release automation Environment, Incident and Change Management) and various tools.
• Conducted Defect Causal Analysis for testing defects and participated in Root Cause Analysis for production issues.
• Implemented testing of angular components and services using Jasmine and Karma.
• Configured Git to connect to Bitbucket source control.
• Participated in Sprint planning and discussed user stories.
• Configured CI/CD tools and ensured smooth delivery of project deliverables on time.
• Analyzed and fixed testing defects and production issues.

Full Stack Software Engineer

self employeed

February 2012 to January 2015

• Utilized the Django framework to develop RESTful API webservices.

• Proficient in working with MongoDB and HBase databases.

• Designed and implemented over 50 end-to-end tests using Selenium and Protractor to simulate various user group actions.

• Developed a web scraping program in Python, which enabled the firm to download public data, including more than 10,000 company descriptions and stock quotes, enriching internal data and improving research efficiency by over 50%.

• Implemented designs and style guides into functional user interfaces, ensuring high performance and compatibility across all major browsers using popular JavaScript libraries, such as Angular.js, jQuery, MooTools, and Knockout.

• Improved coding skills by learning the codebase and developing structured, tested, readable, and maintainable code.

• Ensured code quality, organization, and automation for six-plus applications.

• Coordinated with other team members in developing and implementing systems architecture designs, patterns, and approaches.

Web Developer

Advert-Space Global Resources

January 2008 to December 2011

• Designed and enhanced multiple wholesale eCommerce websites for diverse clients, utilizing the HTML5, CSS3, JavaScript, PHP, Laravel development stack.

• Modeled the MySQL data schema to track products, orders, and users, ensuring efficient data management.

• Leveraged PHP and MySQL back-end development to create scalable, optimized multi-tier web applications.

• Maintained and improved website functionality while generating detailed system reports.

• Developed complex page layouts using cross-browser/platform HTML, CSS, and JavaScript, aligned with design specifications and code standards.

• Designed overall solution architecture, data modeling, high-level design, low-level design, and non-functional technical requirements.

• Collaborated closely with product and design teams to transform ideas into reality, managing all aspects of the software development lifecycle.

• Stayed current with emerging trends, technologies, and market developments, contributing to strategy development and addressing opportunities and issues.

• Produced comprehensive documentation covering requirements, design, implementation, deployment, testing, and maintenance for enhanced transparency and communication.

Education

Bachelor of Science in Computer Science

University of Lagos

2003 to 2007

Skills

- JavaScript
- APIs
- Git
- MySQL
- XML
- Bootstrap
- Web Services
- CSS
- Agile
- REST
- Node.js
- AJAX
- Unit Testing
- React
- SDLC
- SOAP
- Docker
- SQL
- AWS
- Angular
- JSON
- CI/CD
- User Interface (UI)
- Application Development
- Software Development
- Python
- Django
- Full-stack development
- React Native
- Vue.js
- GitHub
- Jira
- Scrum

Languages

- English - Expert