

Nestor Olivas

Experienced Web Developer | Front-end and Back-end Developer | CMS Expert
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Results-driven and highly skilled Web Developer with over 8 years of professional experience in full-stack web development. Proven expertise in crafting well-structured websites using popular content management systems (CMS) like WordPress and Drupal. Adept at adhering to web standards, guidelines, and best practices. Strong troubleshooting and debugging skills, along with proficiency in source control systems such as Git. Possesses in-depth knowledge of SEO principles and strategies. Demonstrates the ability to work independently and collaboratively within a team, coupled with excellent communication and collaboration skills.

Professional Experience

RESCODE

October 2021 Present

Senior Web Developer

Leading the development and optimization of core full-stack components for web applications, front-end and back-end, including WordPress websites.

- Developed web applications for clients using current web technologies such as React, Next, Nuxt, Vue, Angular, Laravel, CakePHP, goLang, Django, Bootstrap, jQuery, MUI, Ant Design, HTML/ HTML5, CSS/ CSS3, JavaScript, TypeScript, Python Script, Rest APIs and PHP
- Successfully integrated APIs to enhance application functionality and user experiences, utilizing technologies such as ChatGPT
- Defined company-wide Python software engineering standards, leading to a more efficient development process and a 20% reduction in coding errors.
- Created and maintained responsive web designs for multiple clients, using modern UI/UX principles
- Collaborated with senior web developers to produce efficient and user-friendly web solutions
- Developed backend and frontend components for multiple web applications
- Troubleshot and debugged web applications to ensure functionality
- Conducted code reviews, bug fixes, and refactoring on existing applications
- Developed and implemented automated tests for web applications
- Created detailed technical documentation on web applications for ease of maintenance and scalability
- Implemented a build automation pipeline and defined release processes, resulting in a 30% faster time-to-market for new features and a 15% reduction in development costs.

Skills: React, Node, Angular, Next, Nuxt, Vue, Laravel, WordPress, Shopify, Amazon Web Services, GitHub, Django, REST APIs, Laravel, Python Script, JavaScript, PHP, Ruby on Rails, goLang, TypeScript, Material-UI, Ant Design, Nest, Express, Ember, Backbone, Svelte, CakePHP, EJS, SEO, WebRTC, Socket.io, MongoDB, MySQL, NoSQL, PostgreSQL, SQLite, MS SQL, Oracle, Bootstrap, jQuery, HTML/ HTML5, CSS/ CSS3, Tailwind CSS, SaaS, UI/UX, NGINX, Jenkins, Docker, Jira, Trello, Agile development methodology, DevOps deployment methodology, Waterfall development method, Rapid application development, Drupal, Figma, Photoshop

Freelancer

July 2018 - October 2021

Web Development and Full-Stack Expertise

Collaborated with cross-functional teams to design, develop, and maintain various websites and web applications, specializing in Python, Vue, Laravel, and WordPress.

- Collaborated with cross-functional teams to design, develop, and maintain over 20 websites and web applications, resulting in a 30% increase in user engagement and a 20% improvement in page load times.
- Demonstrated proficiency in technologies such as Python, Vue, Laravel, and WordPress, leading to SEO optimization that boosted web traffic by 40%.
- Engaged closely with clients from diverse industries, delivering tailored web solutions that optimized their online presence, leading to a 25% increase in lead generation.
- Developed dynamic web applications using Vue.js and Laravel, achieving a 15% increase in user satisfaction and a 20% faster load time.
- Collaborated closely with clients to understand their unique needs and delivered tailored solutions that consistently exceeded their expectations, leading to a 90% client satisfaction rate.

Skills: React, Node, Angular, Next, Nuxt, Vue, Laravel, WordPress, Ruby on Rails, Amazon Web Services, GitHub, Django, REST APIs, Laravel, Python Script, JavaScript, TypeScript, PHP, golang, HTML5, CSS/CSS3, Tailwind CSS, Material-UI, Ant Design, Nest, Express, Ember, Backbone, Svelte, CakePHP, EJS, WebRTC, Socket.io, SEO, MongoDB, My SQL, No SQL, SQLite, MS SQL, Oracle, Bootstrap, jQuery, HTML/ HTML5, CSS/ CSS3, UI/UX

PromptCloud

August 2017 - July 2018

Advanced Web Scraping and Data Analysis

During this period, I refined my skills as a web scraping expert and data analyst. Notable achievements include:

- Proficient in using web crawling tools such as Python Scrapy, BeautifulSoup, and Selenium to collect data from websites
- Experienced in cleaning and organizing data from web scraped sources
- Developed data analysis algorithms to extract and identify meaningful patterns from web scraped data
- Ability to visualize data using SQL, Tableau, Power BI or other data visualization tools
- Experienced in developing automated scripts and programs to automate web data scraping
- Managed database systems to store web scraped data
- Ability to develop web scraping applications for targeted websites
- Ability to work with large datasets and identify key trends and insights
- Experienced in working with APIs to extract data from websites

Skills: Scrapy, BeautifulSoup, Selenium, Octoparse, Diffbot, Lxml, React, Node, Angular, Next, Nuxt, Vue, Laravel, WordPress, golang, Amazon Web Services, GitHub, Django, REST APIs, Laravel, Python Script, JavaScript, TypeScript, Material-UI, Ant Design, Nest, Express, Ember, Backbone, Svelte, CakePHP, EJS, SEO, MongoDB, My SQL, No SQL, SQLite, MS SQL, Oracle, Bootstrap, jQuery, HTML/ HTML5, CSS/ CSS3, UI/UX

Northeastern Illinois University

May 2016 - August 2017

Artificial Intelligence Research Intern

- Collaborated with research team to develop new AI-based solutions for customer service automation
- Utilized deep reinforcement learning to optimize route planning for autonomous vehicles
- Prepared reports and presentations summarizing research findings
- Applied natural language processing to improve the accuracy of automated customer service responses
- Assisted in the development and testing of an AI-based customer service chatbot
- Created a multilayer neural network model for image recognition

- Developed a deep learning model to predict stock market performance
- Conducted research into various Artificial Intelligence (AI) algorithms and software products
- Implemented machine learning algorithms to detect inconsistencies in customer data

Skills: Python, C, C++, C#, Java, R, Machine Learning, Deep Learning, tensorflow, flowgpt, AWS CloudFormation, Database Management System

Northeastern Illinois University

September 2014 - May 2016

Web Development Intern

- Developed, debugged, and tested high quality web applications using HTML5, CSS3, JavaScript, and Angular
- Collaborated with a team of web developers to build and refine existing web applications
- Implemented various features and functionality as part of a web application redesign
- Utilized version control systems such as Git to manage source code
- Resolved user reported issues in a timely manner
- Optimized website design to enhance user experience
- Developed efficient code to optimize website performance

Skills: React, Node, Angular, Next, Vue, Laravel, WordPress, Shopify, Amazon Web Services, GitHub, Django, REST APIs, Laravel, golang, Python Script, JavaScript, TypeScript, PHP, Material-UI, Ant Design, Nest, Express, Ember, Backbone, Svelte, CakePHP, EJS, SEO, MongoDB, My SQL, No SQL, PostgreSQL, SQLite, MS SQL, Oracle, Bootstrap, jQuery, HTML/ HTML5, CSS/ CSS3, UI/UX

Education

Bachelor's Computer Science in Computer Science

May 2014 - August 2017

Northwestern University at Evanston, Illinois, United States

I hold a Bachelor of Science in Computer Science from Northeastern Illinois University. My time there has equipped me with the skills needed for a successful career as a web developer.

During my studies, I delved into programming languages, data structures, algorithms, and web development. Practical projects taught me both front-end and back-end development, preparing me for the dynamic tech field.

Today, as a web developer, I apply my education to create user-friendly, innovative web solutions. I'm committed to staying current with evolving technologies and contributing to the digital landscape.

My time at Northeastern Illinois University not only readied me for my career but instilled a passion for ongoing learning and innovation. Proud to be an alumnus, I'm excited to use my education to make a positive impact in the tech industry

Key Skills

- Front-End Development

HTML5, CSS3, JavaScript, Responsive Web Design, Web Accessibility (WCAG)

- JavaScript Frameworks

React.js, Angular, Vue.js, Next.js, Svelte, jQuery

- Back-End Frameworks

Node.js, Express.js, Flask, Ruby on Rails, Nest.js, Laravel, Angular, Spring Boot, Meteor, Bootstrap, Next.js, CakePHP, Django, Flutter, Phoenix, Symphony, Go

- CMS

WordPress, Shopify

- Database Management

SQL(MySQL, PostgreSQL), NoSQL(MongoDB, Firebase)

- Version Control

Git, GitHub/GitLab/Bitbucket

- API Development and Integration

RESTful API design, GraphQL, ChatGPT, Salesforce, Auth

- Web Security

Cross-Site Scripting (XSS) prevention, Cross-Site Request Forgery (CSRF) protection, Secure data transmission (HTTPS)

- Performance Optimization

Page load time optimization, Browser rendering optimization, Caching strategies

- DevOps Tools

Docker, Continuous Integration/ Continuous Deployment(CI/ CD)

- Testing

Unit testing, Integration testing, End-to-End testing, A/B testing

- Mobile Development

Responsive design, Progressive Web Apps(PWAs)

- Cross-Browser Compatibility

Testing and debugging across various browsers

- Project Management Methodologies

Agile, Scrum, Kanban

- Problem Solving and Debugging

Debugging tools (DevTools, etc.), Analytical and problem-solve skills

- Continuous Learning

Staying updated on industry trends, Proactive learning and adaptation

- Leadership and Collaboration

Team leadership, Collaboration with cross-functional teams, Mentor ship of junior developers

- Communication

Clear written and verbal communication. Technical documentation

- UI/UX Principles:

User interface (UI) design principles. User experience (UX) considerations

- UI Design

Figma, Photoshop

- Language

JavaScript, TypeScript, PHP, Python, Java, C, C++, C#, R, Ruby