

Donald Clemons

Senior Full Stack & Blockchain Engineer

Slauson Avenue, Los Angeles, CA | +1 (551) 236 3240 | donaldclemons482@gmail.com

Experienced Full Stack & Blockchain Developer with over 8 years of expertise in designing, developing, and deploying scalable web applications and decentralized blockchain solutions. Proficient in frontend technologies (React, Angular, Next), backend frameworks (Node.js, Django, Spring Boot), and database management (MySQL, MongoDB, PostgreSQL). Skilled in smart contract development (Solidity, Rust), Ethereum and Solana platforms, and integration of blockchain with web and mobile applications. Adept at end-to-end product development, API design, security optimization, and agile methodologies, delivering high-performance solutions that enhance business efficiency and user experience.

Professional Experience

Full Stack & Blockchain Engineer

Serokell, San Francisco, CA | May 2022 - July 2025

- Developed and maintained full-stack web applications using React.js, Next.js, Angular.js, Node.js, Express.js and MongoDB, ensuring high performance and scalability across multiple platforms.
- Integrated RESTful APIs and GraphQL endpoints for seamless communication between front-end and back-end services and improved deployment workflows by introducing CI/CD pipelines.
- Designed and implemented smart contracts on Ethereum and Binance Smart Chain using Solidity and Truffle, enabling secure and decentralized transaction processing.
- Developed high-performance, memory-safe applications using Rust, leveraging its ownership and borrowing system to minimize runtime errors and improve efficiency.
- Implemented blockchain-based solutions for digital asset management, NFT marketplaces, and tokenized systems, incorporating Web3.js and Ethers.js for on-chain interactions.
- Optimized application performance and security by leveraging cryptography principles, smart contract auditing, and scalable database design, resulting in improved transaction speed and reduced operational costs.
- Collaborated with DevOps teams to deploy applications on AWS, Azure, and Docker/Kubernetes environments, ensured CI/CD pipelines and automated deployment and mentored junior developers, performed code reviews.

Full Stack Developer

Bytes Technolab Inc, San Jose, CA | February 2020 - April 2022

- Developed and maintained eCommerce Platforms, Enterprise Web Applications using MEAN and MERN stacks, ensuring seamless user experiences and efficient backend performance.
- Collaborated with UI/UX designers to convert wireframes into fully functional, mobile-first interfaces using HTML5, CSS3, Tailwind CSS, and TypeScript.

- Integrated authentication and authorization systems using JWT, OAuth2, and Firebase, enhancing application security and user management.
- Designed and implemented RESTful APIs and GraphQL services for scalable data exchange across client and server architectures.
- Migrated legacy systems to a modern microservices architecture to increase reliability and optimized performance through lazy loading, caching, database indexing, reducing load times and improving scalability.

Web Developer

Black Flag Creative, Los Angeles, CA | August 2017 - December 2019

- Implemented the React Context API and Redux for state management, improving code maintainability and enabling efficient data sharing across components.
- Implemented Shopify themes, Liquid templates, and custom plugins to enhance e-commerce functionality and developed and maintained custom Shopify and WordPress websites, ensuring responsive design and cross-browser compatibility.
- Managed site migrations, backups, and security updates to ensure seamless website operations and conducted SEO optimization, page speed improvements, and mobile-first design practices for client websites.
- Customized WordPress themes using PHP, HTML, CSS, and JavaScript, improving site performance and user experience.
- Utilized Git version control and project management tools like Jira/Trello for agile development workflows and collaborated with designers and content teams to create engaging landing pages and optimize conversion rates.

Education

Bachelor's Degree in Computer Science September 2013 - June 2017

California Institute of Technology at Los Angeles, CA

Key Skills

- **Frontend:** React, Angular, Next.js, HTML, CSS, Tailwind CSS, JavaScript (ES6+), TypeScript -
- **Backend:** PHP, Node.js, Express.js, Django, Spring Boot, REST APIs -
- **Database:** MySQL, PostgreSQL, MongoDB, Oracle -
- **Cloud and DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD pipelines -
- **Blockchain:** Solidity, Go, Rust, Python, Java, Web3.js, Ethers.js -