Aaron Murillo

Full Stack Software/Web Developer (Active Clearance)

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PROFESSIONAL SUMMARY

A proficient Software Developer with a rich skill set in diverse programming languages and an active secret clearance, dedicated to delivering top-quality software solutions. The approach combines innovation in software design, development, and maintenance, with a strong commitment to ongoing education and adapting to the latest industry trends. With hands-on experience in full-stack development, a proven track record in architecting scalable, robust, and efficient software solutions is demonstrated. Recognized for excellence in team collaboration and agile methodologies, passionate about solving complex technical challenges and enhancing user experiences.

CORE QUALIFICATIONS

- **Software Development**: Proficient in software solution design, development, and deployment using various programming languages. Demonstrates excellence in software engineering practices, agile methods, and object-oriented design to produce scalable, maintainable code.
- **Problem-solving and Analytical Skills**: Highly adept at addressing complex challenges with strong analytical and problem-solving abilities. Efficient in troubleshooting technical issues, innovating solutions, and optimizing system performance through data-driven decisions.
- **Team Collaboration and Communication**: Outstanding team collaborator with effective communication skills. Skilled in working with cross-functional teams, clarifying project requirements, and conveying technical information to diverse audiences for seamless project execution and success.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Python, SQL
Frameworks/Libraries: React.js, Redux, Node.js, Express.js, Django, Next.js, Bootstrap
Databases: PostgreSQL, MySQL, MongoDB, Firebase
Tools & Methodologies/UI/UX: Git, GitHub, Postman, Jest, Docker, REST APIs, OpenAI, Agile, Scrum, Balsamiq, Adobe XD, Draw.io

EDUCATION & CERTIFICATIONS

Computer Science
Western Governors University   **Enrolled**
Business Administration - Associate Degree
Central New Mexico Community College, Albuquerque, NM   **2023**

Certificate of Completion, Deep Dive Coding Full Stack Web Development Bootcamp
CNM Ingenuity**,** Link to the Certification: certifications.cnm.edu/certificate   **2022**

WORK EXPERIENCE

Technology Solutions Labs, Albuquerque, NM
Full Stack Developer (Contract)   Jan 2023 – Jun 2023

- **Innovation in Web Development**: Spearheaded customer-focused innovations using React and Node.js, yielding a 15% boost in conversion rates during online checkout processes.
- **UI/UX Design Excellence**: Developed responsive and modern UI interfaces employing React and Next.js, significantly enhancing website and application accessibility, and aligning with current user experience trends.
- **Database Optimization**: Achieved a remarkable 40% decrease in load times by optimizing MongoDB and PostgreSQL databases, leading to substantial improvements in system performance.
- **CI/CD Pipeline Implementation**: Orchestrated and deployed continuous integration and continuous deployment pipelines using Jenkins, Docker, and Kubernetes, transforming testing processes and reducing deployment times from hours to minutes.
- **Quality Assurance Automation**: Led the implementation of comprehensive integration and unit tests using Python, Selenium, and Jest, accelerating the delivery of new features by 25% through efficient QA automation.

Deep Dive Coding, Albuquerque, NM
Full Stack Web Developer   Oct 2022 – Dec 2022

- **API Development and Optimization**: Developed Node.js and Express REST APIs to enhance data presentation and streamline management processes, leading to notably improved application performance efficiency.
- **Debugging and Development Efficiency**: Implemented advanced JavaScript/TypeScript debugging techniques within Docker environments, significantly boosting software development efficiency and streamlining debugging processes.
- **E-Learning Platform Architecture**: Successfully architected and deployed an e-learning platform using the PERN stack (PostgreSQL, Express, React, Node.js), creating a scalable solution for course content management and interactive user engagement.
- **Full-Stack Web Application Development**: Expertly developed full-stack web applications, leveraging a diverse array of technologies, libraries, and frameworks, to deliver feature-rich solutions tailored to user requirements and business objectives.
- **Responsive and Interactive Design**: Focused on creating responsive, user-friendly interfaces and interactive features, enhancing the overall user experience, and meeting modern web standards.

Frontend Developer (Freelance), Remote, US
Frontend Simplified   Apr 2021 – Oct 2022
- **Website Performance Optimization**: Enhanced client website performance by implementing lazy loading for images, code splitting, and JavaScript optimization, leading to faster and more efficient web experiences.
- **Page Load Time Reduction**: Achieved a significant 30% reduction in average page load times, contributing to substantial improvements in overall site performance metrics.
- **Front-End Optimization for Multiple Clients**: Optimized front-end performance for 10 client websites, utilizing a tech stack comprising Firebase, React.js, Redux.js, JavaScript, HTML, CSS, and Bootstrap, enhancing user experience and interface efficiency.
- **Efficient Data Management with PostgreSQL**: Employed PostgreSQL for data management, playing a key role in improving page load times and overall website performance.
- **Responsive and Interactive Design Implementation**: Specialized in crafting responsive and interactive web designs, using the latest front-end technologies to create engaging and user-centric web experiences.

Military Police (Part Time: one weekend a month), Albuquerque, NM
New Mexico Army National Guard   Apr 2019 – Present
- Engaged in vital security operations and enforcement during key federal missions such as Operation Allies Welcome and COVID-19 support, receiving the Army Achievement Medal for training excellence.
- Performed essential duties as a Military Police Soldier, including security checks, activity investigations, crowd control, and interagency collaboration, gaining proficiency in law enforcement tactics and security equipment handling.

WEB/APPLICATION PROJECTS

Companion.ai | GitHub Repository   Aug 2023
- Developed a sophisticated Next.js web application, incorporating HTML, CSS, TypeScript, and React.js, enhanced by Tailwind CSS for contemporary styling.
- Crafted and integrated CRUD routes, enabling efficient database access and component relationships. Implemented Stripe for subscription services, while maintaining organized, reusable layouts in line with Next.js best practices.
- Utilized OpenAI for the dynamic generation of media content, including images and interactive conversations.
Integrated user authentication using Clerk, supporting a variety of login methods to enhance user accessibility and security

QR Code Digital Menu Builder | GitHub Repository: Front-End, Back-End   Jul 2023
- Pioneered a Python and Django-based digital menu system, innovatively addressing pandemic-related challenges while offering sustainable business benefits.
- Adapted the system for location-specific needs, enabling customized menu creation for various venues.
- Merged advanced backend capabilities with cutting-edge frontend design to deliver a seamless and intuitive user experience.

Dog Park (Social Media Website for Dog Owners) | GitHub Repository   Nov 2022
- Collaboratively developed the Dog Park Website, a social media platform for dog owners, utilizing a diverse range of programming languages to fulfil project objectives and cater to user preferences.
- Employed Docker for the efficient containerization of the website, ensuring streamlined deployment with the PERN stack (PostgreSQL, Express, React, Node.js).
- Designed and implemented 6 core entities on the backend (profile, post, park, comment, follow, likes) to structure the website's functionality.
- Integrated React.js and Redux for a robust connection between the backend and front end, facilitating an interactive and user-friendly social media environment.

SKILLS

Project Management | Best Practices and Standards | Usability Testing | Programming Languages | Software Solutions | Software Engineering & Development | Data Science | Object-Oriented Programming | Development Standards | User Experience | Debugging | Frontend & Backend Development | Scalability | Cloud Computing | Version Control | API Development | Agile Methodologies