

EXPERIENCE

Full Stack Developer	May 2022 – Present
Ethika Inc. (Vue.js, Symfony, MongoDB, Bootstrap, AWS, Redis, Docker, GitHub Actions)	Lake Forest, CA
<ul style="list-style-type: none">- Optimized Algolia search integration, reducing API calls and search costs by 60% while improving response time by 60% for a faster and more efficient user experience.- Improved page load times by 30% by optimizing image storage and modernized our state management system. Integrated Klaviyo to handle email, SMS, and back-in-stock notifications, boosting customer engagement by 26%.- Designed and launched a promotional video game that attracted 20,000 players and hit 550,000+ total plays, driving brand engagement in a fun, creative way.- Led the creation of a music content management system to manage 500+ talent profiles, track over 5,000 digital assets, and provide useful automated reports.- Enhanced SEO and web performance using Google Lighthouse, improving page speed by 20%, accessibility, and best practices scores by refining lazy loading, eliminating render-blocking resources, and enhancing structured metadata.	
Software Developer	August 2022 – Present
Nexpa LLC (Vue.js, NestJS, MongoDB, Tailwind CSS, AWS, Google Analytics)	Lake Forest, CA
<ul style="list-style-type: none">- Implemented a responsive food truck website with language switching (i18n), Square online orders increasing revenue by 15%, and automated email confirmations, while implementing cron jobs for menu updates and reusable UI components.- Created and deployed a scalable restaurant website with custom online ordering using Square Payments, leveraging NestJS and REST APIs, establishing CI/CD pipelines, reducing deployment time by 40%, and improving system reliability.	

EDUCATION

B.S. Computer Science (GPA: 3.78)	August 2024 – Present
California State University Long Beach (C++, Java, Python, Git, Linux, Jira, Algorithms)	Long Beach, CA
<ul style="list-style-type: none">- Developed and implemented complex algorithms and optimized software solutions to improve efficiency and scalability.- Experience with agile methodologies, including leading sprint planning and project management using GitHub Projects.	
Programmer	July 2023 – July 2024
Saddleback College Robotics Club (ROS2, Python, Rust, C++, Vue.js, Django)	Mission Viejo, CA
<ul style="list-style-type: none">- Spearheaded the development of a website for the base station to monitor rover feedback, including real-time camera feed integration.- Developed and managed an onboarding program to enhance new members' understanding of autonomous driving, including OpenCV and LIDAR sensor usage.	

PROJECTS

Scrum Master	February 2023 – June 2023
Street Fighter (Java, JavaFX, Multithreading, Networking, Agile Methodologies)	Mission Viejo, CA
<ul style="list-style-type: none">- Implemented a multithreaded rendering system to maintain 60 FPS during real-time gameplay.- Tested over 16 simultaneous players over a network using a client-server architecture with data serialization.- Maintained thread safety (zero race conditions in the final release) using locks and volatile variables, similar to backend concurrency control techniques.- Completed 5 sprints under Scrum, delivering and testing features bi-weekly.	
Programmer	August 2022 - August 2022
Point of Sale System (TUI, C++, Linux, Git, CMake)	San Juan Capistrano, CA
<ul style="list-style-type: none">- Designed and executed a terminal-based POS system in under 2 weeks, featuring auto-complete and random UUID generation without external libraries.- Applied advanced C++ techniques, including RAII for memory safety, move semantics cut copy overhead by 18% in heavy operations, and used built-in and custom STL containers.	

Technical Skills

- **Programming Languages:** C++, JavaScript, PHP, Java, Python, Rust, TypeScript, SQL
- **Frontend:** Vue.js, React, Bootstrap, Tailwind CSS
- **Backend:** Symfony, Django, NestJS, Node.js
- **Databases:** MongoDB, PostgreSQL, Redis
- **DevOps & Tools:** AWS, Docker, Railway, Git, Linux, Jira