James Martin Valeroso

Full Stack Engineer | 8+ years
React | Node.js | Express.js | AWS

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As a Senior Full Stack Engineer with over 8 years of experience, I excel in building seamless, user focused web applications. Proficient in React, Node.js, TypeScript, AWS and many more, I manage projects from initial analysis to deployment and ongoing support. My work has helped clients achieve market success and drive growth. As a strong believer in Agile practices, I incorporate daily scrums, iterative development and retrospectives to ensure continuous improvement and project success.

TECHNICAL SKILLS

Frontend | React.js, Next.js, Redux, Redux-Thunk, Redux-Saga, React MUI, Bootstrap, Gatsby, JavaScript, TypeScript, TailwindCSS, Vue.js, Angular, CSS3, HTML5

Backend | Node.js, Express.js, Nest.js, , Laravel, Python, Microservices Architecture

DBs & DevOps | NoSQL, MongoDB, DynamoDB, MySQL, PostgreSQL, AWS (EC2, Lambda, S3, RDS, SQS, SNS, CloudFormation, CloudWatch, Secrets Manager), GCP (BigQuery), Microsoft Azure (Azure DevOps, Azure Functions, Azure Blob Storage), Docker, Kubernetes, Jenkins, Git, GitHub, GitLab, Firebase, RESTful APIs, GraphQL, GRPC, WebRTC, GIS, 3rd Party Integrations, JWT, Stripe, PayPal, Twilio, Mapbox, SendGrid, Jest, Enzyme, Cypress

WORK EXPERIENCES

Full Stack Engineer   Mar 2021 - Sep 2024
CreGrow

As a Senior Full Stack Developer, I led the development of scalable applications and managed complex projects. My work focused on delivering tailored solutions for clients in multiple sectors. I worked on the following:

- Developed no-code AI platform for enhanced data visualization and user engagement.
- Enhanced web app engagement with React.js for intuitive marketplace interfaces.
- Optimized Node.js and Express.js backends for improved scalability and API efficiency.
- Designed RESTful APIs for third-party integrations, ensuring seamless data flow between systems.
- Optimized UI performance using JavaScript and TypeScript for marketplace development.
- Managed MongoDB databases for fast and reliable storage and retrieval of large-scale financial data.
- Used GraphQL to develop efficient APIs for complex query handling and frontend interactions.
- Deployed on AWS EC2, optimizing resources and improving response times via CloudWatch.
- Developed responsive layout and navigation for the website using Next.js.
- Automated testing and deployments with Jenkins, boosting efficiency and minimizing downtime.
- Led cross-functional teams to deliver high-quality web applications, mentoring junior developers.
- Integrated secure payment gateways like PayPal and Stripe, ensuring smooth financial transactions.
- Implemented Redux for state management, optimizing complex data handling and user workflows.
- Orchestrated microservices with Kubernetes, ensuring high availability and easy scaling of services.
- Contributed to code reviews and design discussions to enhance best practices and code quality.
- Developed comprehensive tests using Jest to ensure robustness and reliability of application code.

Tech Stack: React.js, Node.js, Express.js, Next.js, MongoDB, JavaScript, TypeScript, Redux, GraphQL, AWS (EC2, Lambda, S3, RDS, CloudWatch), API Integration, Jenkins, Docker, Kubernetes, PayPal, Stripe, TailwindCSS, Jest.

Full Stack Developer   Feb 2018 - Mar 2021
TransData

As a Full Stack Developer, I played a pivotal role in creating user centric applications. My work involved both developing new platforms and enhancing existing systems to meet industry specific needs. I worked on the following:

- Developed AI software to optimize electric vehicle fleet charging and efficiency.
- Developed a developer toolkit for seamless service and API integration across apps.
- Built responsive apps with React.js, Next.js, and TailwindCSS for enhanced user experiences.

- Built a HIPAA-compliant platform with React.js and Next.js for appointment scheduling.
- Managed large MongoDB Atlas datasets for quick, reliable financial and fleet data access.
- Built a VR Collaboration Tool with React.js and Three.js for 3D modeling and teamwork.
- Built a Node.js and Express.js Retail Inventory System for real-time stock and order management. ● Built and integrated back-end services with Stripe API for payments and Twilio for SMS.
- Orchestrated microservices with Kubernetes and Docker to streamline scalability and deployment.
- Created responsive interfaces with CSS3 and HTML5 for seamless cross-device experiences.
- Utilized AWS, including Lambda and EC2, to reduce costs and enhance system efficiency. ● Set up Jenkins CI/CD pipelines, automating deployments and ensuring consistent delivery.
- Employed Docker for containerization, enabling smooth deployment across different environments.
- Worked with Vue.js and Python on a project, enhancing the front end and server-side scripting.
- Implemented OAuth 2.0 and managed AWS Secrets Manager to secure API access and protect data.
- Developed dynamic web applications using JavaScript to enhance user interactivity and functionality.
- Used TypeScript in large-scale projects to improve maintainability and reduce errors.
- Designed and executed Jest and Enzyme tests to validate front-end and back-end functionality.
- Implemented OAuth 2.0 for secure API access and managed secrets using AWS Secrets Manager.

Tech Stack: React.js, Next.js, Node.js, Express.js, MongoDB Atlas, Three.js, JavaScript, TypeScript, AWS (Lambda, EC2, S3, CloudFormation), API Integration, Jenkins, Stripe, Twilio, SendGrid, Docker, Kubernetes, TailwindCSS, CSS3, HTML 5, Mapbox, Vue.js, Python, Jest, Enzyme.

Web Developer   Aug 2016 - Feb 2018
Everise

As a Web Developer, I embarked on my professional journey with a focus on crafting tailored web solutions. My initial role involved developing a new platform. I worked on the following:

- Developed and enhanced a React website, focusing on UI and new features.
- Learned React to efficiently manage state and develop complex user interfaces.
- Engaged in code reviews and discussions to learn best practices and write maintainable code.
- Collaborated with designers and product managers to meet design and business requirements.
- Mastered essentials of responsive design, accessibility, and web performance.
- Used JavaScript for reusable components, enhancing frontend maintainability and scalability.
- Used TypeScript for complex interfaces and consistent data structures across the application.

NOTABLE PROJECTS

Project 1: Dink | https://dinkusa.com/
Tech Used: Vue.js, Node.js, MongoDB, Express.js, Docker, Firebase, Shopify Store, AWS.

Project 2: VetRelief | https://vetrelief.pet/
Tech Used: Laravel, PHP, Livewire, MySQL, AWS, Stripe, PayPal, Bootstrap.

Project 3: Upic AI | https://upic.ai/
Tech Used: Next.js, Node.js, Express.js, MongoDB, Astria AI, Hugging Face, Docker, AWS

Project 4: Genie | https://avawatz.com/genie
Tech Used: React.js, Node.js, Express.js, MongoDB, Docker, AWS.

EDUCATION

Bachelor's Degree | Computer Science (2014)
Benguet State University