Joshua Talltree

Senior Full Stack Developer

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SUMMARY

Senior Full Stack Engineer with over 15 years in designing and developing efficient and scalable web applications. Specializes in building user friendly interfaces, implementing complex features, and optimizing application performance. Strong understanding of frontend development principles, modern web technologies, and agile methodologies.

Expertise in **React**, **Typescript, JavaScript**, Flutter, .NET Core, C#/.NET, **Laravel, WordPress,** and **MEAN/MERN** stack development. Made significant contributions to development of 30 web apps, resulting 25.7% increase in profits within a year. Improved customer engagement by 60% and fostered positive relationships with 20 corporate clients and work well independently within teams.

EXPERIENCE

Senior Full Stack Developer, 11/2024 to 01/2025
STG(Dev Center/Talent Portal) – Salt Lake
City UT

*Developed and maintained Talent Portal App utilizing **Next.js,** React, **ASP.NET**, C#, **AI,** and AWS in the Agile environment: Sprint Planning and other meetings.*
- Worked in Agile teams, collaborating with 8 developers, designers, and product managers to deliver projects on time.
- Utilized version control systems (Git) and CI/CD pipelines to streamline development and deployment.
- Implement the dashboard, ensuring efficient communication and seamless integration between frontend, backend components and third-party API.
- Utilized Next.js components to translate UI/UX designs into responsive and user-friendly interfaces, resulting in an improved user experience for salon owners and staff.
- Implemented dashboard functionality to manage chart graphics, bookings, appointments, inventory, and talent data to streamline operations and enhance productivity using C#/.NET Core/Entity Framework using Rider IDE.
- Integrated AWS Lambda functions using Node.js and **Claude** to handle serverless backend logic, enabling scalable and cost-effective solutions for data processing and analytics.
- Deployed the dashboard application on AWS, Cognito, MSSQL DB, leveraging services such as Amazon S3 for hosting static assets and Amazon CloudFront for content delivery in Node.js, ensuring high availability and performance.

Full Stack Engineer, 11/2022 to 11/2024
STG(AgReserves) – Salt Lake City UT

*Worked with **WordPress**, ranging from custom theme and plugin development to site optimization and maintenance. My expertise spans both front-end and back-end development, ensuring the creation of user-friendly, SEO-optimized, and high-performing WordPress sites.*
- Designed and developed custom WordPress themes tailored to client requirements, ensuring responsive design and cross-browser compatibility.
- Customized existing **themes** using child themes and custom CSS/JavaScript to meet specific branding needs.
- Created custom **plugins** to extend WordPress functionality, including features like custom post types, user management tools, and API integrations.
- Integrated and configured third-party plugins such as **WooCommerce**, Yoast SEO, Gravity Forms, and **Elementor**.
- Built WooCommerce-based e-commerce stores with custom product filters, payment gateways, and inventory management.
- Optimized checkout processes and integrated shipping calculators to enhance user experience.
- Improved website load times by implementing caching mechanisms, image optimization, and minimizing JavaScript/CSS.
- Conducted database optimization and reduced server requests to enhance overall performance.

Full Stack Developer, 04/2022 to 08/2022
Plus One Robotics – San Antonio, TX

*Contributed to modernization of legacy codebases by assisting in their migration to modern **MERN** architectures. Through this effort, be able to improve maintainability and performance of these projects by 45%.*
- Published custom 2 plugins, 15 templates and functions for **MERN/MEAN** stack applications and reviewed code, debugged problems, and corrected issues.
- Participated in requirements gathering to identify prerequisites and determine technical solutions to meet client needs.

- Worked closely with 2 designers, 10 product managers, and QA teams to ensure delivery of high-quality software.
- Translated requirements into responsive and dynamic web apps utilizing React, Next.js, Kubernetes, MongoDB, Express.js, and Node.js for 22 websites and maintained using Amazon Web Services, Terraform, CI/CD, Gitlab.
- Leveraged elastic search for one large distributed computing system, large scale design, real time data processing, data storage, ML, and AI to address challenging dataset problems using Python.
- Used Node.js, ORM and SQL, NoSQL to develop and manage databases and executed comprehensive unit and integrated testing using Jest, Enzyme, and Jasmine for 3 years.
- Collaborated with API developers in Scrum meetings/daily standups to define and integrate RESTful APIs and GraphQL endpoints.
- Redesigned 6 eCommerce web applications to improve Google SEO presence and performance using Python.

PHP Developer, 08/2021 to 04/2022
GPM Life – San Antonio, TX

Worked closely with 2 designers, 10 product managers, and QA teams to ensure delivery of high-quality software.
- Designed and developed custom CRM software for a logistics company using Laravel, enhancing operational efficiency by 40%.
- Built an e-learning platform with CodeIgniter, integrating user management, course tracking, and payment gateways.
- Implemented a multi-vendor marketplace using Symfony, incorporating features like real-time order tracking, dynamic pricing, and advanced search functionalities.
- Integrated third-party payment gateways, including PayPal and Stripe, ensuring seamless transaction handling.
- Created RESTful APIs for mobile and frontend integrations, adhering to best practices for documentation and versioning.
- Integrated third-party APIs, such as Google Maps, Twilio, and payment processors, into various web applications.
- Proficient in MySQL, including schema design, optimization of complex queries, and ensuring data integrity.

Crew Leader, 03/2006 to 06/2020
City of Escondido – Escondido, CA

Worked closely with 2 designers, 10 product managers, and QA teams to ensure delivery of high-quality software.
- Designed 4 new user interactive landing pages using Java, HTML, XHTML, and CSS with web design expertise.
- Implemented B2B, B2C system for individual customers and businesses to make transactions and enhanced design resulting in 80% boost in conversion rate.
- Assisted in migrating legacy systems to modern microservices architecture, resulting in boosted scalability and maintainability using Java and MySQL.
- Contributed to design and development of cloud-based SaaS platform using React / Angular.
- Created onboarding 4 web apps for customers to make transactions secure and safe using React, Vue.js, Node.js and PHP.
- Managed frontend website development using WordPress, HubSpot, and other editing software.
- Participated in Agile development methodologies, including daily standups, sprint planning, and retrospective meetings for 6+ years.

EDUCATION

Master of Arts. In Organizational Management
Ashford University
09/2008 to 03/2014

SKILLS
- Programming Languages: Java, JavaScript, **TypeScript**, C#, .Net, Python, Go, **PHP**, Solidity, Rust
- Frontend Technologies: **React**, Electron, Redux, HTML, CSS3, SASS/SCSS, Next.js, Angular, React Native, Vue.js, Nuxt.js
- Backend Technologies: **Node.js**, Express.js, PHP, Spring Boot, **Laravel**, Nest.js, CI
- CSS Frameworks: MUI, TailwindCSS, Styled Component, VanillaJS
- CMS: **WordPress**, Magento
- Blockchain: Ethereum, Solana, Cosmos, XRPL
- Testing Frameworks: Jest, Enzyme, Jasmine, JUnit, Selenium
- Version Control: Git, **GitHub**, SVN, CI/CD, Circle CI
- Build Tools: Webpack, Babel
- API Integration: RESTful APIs, GraphQL, Fast API, Web3, Cognito, ChatGPT, OpenAI
- Database Technologies: MongoDB, MSSQL, MySQL, PostgreSQL, AWS Dynamo, AWS RDS, Microsoft Azure
- DevOps: Docker,, **AWS**, Heroku, Kubernetes, Sonar Cube, Nexus, Linux, Jenkins, CI/CD pipeline, GCP
- Project Management: Agile, Scrum, Jira, Trello
- Operating Systems: Linux, Windows, macOS