

Corey Tess

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Summary

Senior Full-Stack Engineer with experience building scalable, high-performance web platforms. Specializing in React, Svelte, Vue, Node.js, .NET, and headless CMS ecosystems. Strong in LLM/AI integrations, API design, and CI/CD automation.

Technical Skills

Languages/Frameworks: JavaScript, TypeScript, React, Next.js, Svelte, Vue, Node.js, Express, C#.Net
Cloud/DevOps: Vercel, Azure, AWS, Google Firebase, CI/CD Pipelines
Tools/Platforms: GitHub, Jira, Algolia, Contentful, Sanity, Optimizely, Headless CMS
Databases: SQL, PostgreSQL, Supabase

Professional Experience

Senior Software Engineer | DEPT, Newburyport, MA | March 2021 - Present

- Architected a .NET-based pipeline to synchronize Optimizely CMS content with a containerized LLM, enabling a custom chatbot to query proprietary knowledge.
- Led the development of a medical school platform using Next.js and Contentful, owning architecture and sprint planning.
- Directed creation of a Svelte-based AI assistant, reducing strategy development time from days to hours.

Senior Frontend Developer | Thunderhead LLC, Manchester, NH | October 2018 - February 2021

- Engineered a syntax-aware query editor using Vue.js, implementing a custom autocomplete system.
- Adopted TDD workflows, increasing code coverage and reducing regression defects.
- Partnered with full-stack engineers, designers, and QA to design, build, and validate Vue.js components.

Software Developer | IAPP, Portsmouth, NH | June 2017 - October 2018

- Architected a unified federated search system using Algolia, aggregating data from WordPress and Salesforce to significantly improve search relevance and user engagement.
- Built a secure digital fulfillment API using Node.js and Express, orchestrating scalable content delivery for eBooks via AWS S3.
- Managed complex enterprise data synchronization between Salesforce and Informatica, ensuring data integrity across third-party platforms.

Senior Software Developer | A.W. Chesterton, Groveland, MA | October 2014 - February 2017

- Architected a full-stack web application framework, redesigning the system from the data persistence layer to the frontend UI to improve scalability.
- Modernized the release infrastructure by migrating on-premise TFS to cloud-based source control, and implementing a CI/CD pipeline.
- Developed a high-performance RESTful Web API supporting both web and mobile clients, utilizing an ORM layer for optimized data access.

Education

Associate of Science in Game Design and Development | Full Sail University, Winter Park, FL