BART DORITY

AI Native Software Engineer - UI Focused, Full Stack

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Portfolio: bartdorityportfolio.online | **GitHub:** github.com/b0rgbart3 | **LinkedIn**: linkedin.com/in/bart-dority

Summary

UI-Focused Software Engineer with 7+ years of experience crafting responsive web applications, primarily using React, TypeScript, and Node.js, leveraging and integrating AI tools. Specializes in front-end architecture, state management, and asynchronous UI lifecycles, with full-stack experience integrating APIs and backend services to support rich client-side experiences. Experienced in agile development, cross-functional collaboration, and delivering complex products from concept through production. Leverages AI development tools to enhance development velocity and code quality. Extensive background in graphic design, animation, and branding, with a strong passion for interface craftsmanship, thoughtful design, and delivering polished web experiences.

Skills

Front-End & UI Engineering
React, TypeScript, JavaScript (ES6+), HTML5, CSS3, Sass, Material UI, Next.js, state management (MobX), responsive & mobile-first design, accessibility-focused UI development

Design & Prototyping
Figma, Adobe Creative Suite (Photoshop, Illustrator)

Testing & Quality
Jest with Enzyme, component and unit testing

DevOps & Tooling
Git, GitHub, GitLab, Jenkins, AWS, Heroku, VS Code, CI/CD workflows

Back-End & API Integration
Node.js, Express, RESTful APIs, PHP, API-driven architectures, asynchronous data handling

Databases
MongoDB, MySQL, PostgreSQL

AI-Tools
ChatGPT, Claude, Gemini, Perplexity, Grok

Additional Experience
Angular, Python, Java, Ruby, Objective-C, Swift, Xcode

Experience

Software Engineer
Grid Dynamics, San Francisco CA………………………………………………………..…*May 2021 - Current*

- Developed complex, data-intensive UI features for a fintech account reporting platform used by enterprise clients managing hundreds of accounts.
- Designed and implemented scalable front-end architectures using **React, TypeScript, Material UI, Sass, and Mob**X, balancing development turn-around, performance, maintainability, and usability.
- Built robust client-side integrations with **RESTful APIs** across a **Node.js** middleware layer, ensuring responsive, consistent and predictable user interactions while optimizing performance with ElasticSearch and AppDynamics.
- Collaborated with design, product, and QA teams in agile sprints to translate complex requirements into intuitive, production-ready UI components.
- Contributed to CI/CD pipelines and deployments using **Jenkins, GitLab, and OpenShift** to support reliable delivery on a two-week sprint development schedule.
- Leveraged AI-assisted development tools to accelerate iteration, improve test coverage and streamline debugging.

Freelance Web Developer / UI Engineer
Dority Design Works, San Francisco, CA……………………………………………………..**2005 — *2005–2021***

- Designed and built user-centered, mobile-friendly web interfaces and end-to-end UI solutions, translating client goals and brand identity into polished, production-ready front-end experiences with full-stack, data-driven implementations.
- Developed database-backed applications using PHP, MySQL, and cloud platforms including AWS and Heroku, ensuring long-term reliability and maintainability.
- Partnered directly with clients and creative teams to iterate on design concepts and deliver solutions aligned with business objectives and user needs.
- Recognized with a Silver Caddy Award for Creative Excellence for the Jeep Liberty website, highlighting strengths in visual design, interaction, and front-end execution.
- Built long-term relationships with clients including KQED, Doremus Advertising, Organic Inc., SF Long-Term Care Coordinating Council, artists and authors in the U.S. and internationally.

Education

AI Accelerator Program for Engineers - Outskill.com 2026
Certificate, Generative AI Mastermind - Outskill.com, 2025
Certificate, Full Stack Web Development – UC Berkeley Extension, *2019*
Certificate, iPhone Programming – City College of San Francisco, *2016*
BFA, Computer Graphics – Pratt Institute, Brooklyn, NY

Projects

Google Bookshelf: - UI-Focused Fullstack MERN App: https://googlebooks.bartdority.online/
Responsive web app allowing users to search, save, and manage collections using the Google Books API. Built with React, TypeScript, Node.js, Express, and MongoDB, featuring RESTful APIs, global state management.

Jerry Frost- Custom PHP Portfolio Application: https://jerryfrost.com/
Mobile-first, responsive portfolio website with an image catalog and custom admin dashboard for uploading, categorizing, and sorting artwork. Built with PHP, JavaScript, HTML5, and CSS3, and flat-file data storage.

Amy Graham - Javascript Static Portfolio: https://amygraham.art/
Clean, minimal portfolio website built with a mobile-first approach using vanilla JavaScript, HTML5, and CSS3, featuring a responsive layout and SMTP-based contact form.

Willow Kelly - PHP Brochure website: https://willowkelly.com
Lightweight brochure-style website built with PHP, featuring a responsive layout and SMTP-based contact form.

DorityDesignWorks- Javascript and PHP driven website: https://doritydesignworks.org
Portfolio website showcasing freelance web development and graphic design projects, built with JavaScript and PHP.