

Bart's Skills:

Bart has a broad array of design and coding skills that include both front-end (UI) and back-end (server and hosting) technologies.

Front-End & UI Engineering

React, TypeScript, JavaScript (ES6+), HTML5, CSS3,

Sass, Material UI, Vite, Next.js, (React Frameworks), State management (MobX),

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

Python, Angular

conceptual understanding: responsive & mobile-first design, accessibility-focused, building scalable re-usable components, building services for API data retrieval and storage, managing local state.

Bart's Experience:

Most recent 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 MobX**, 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