Barts Experience

Grid Dynamics

UI Focused Full Stack Software Engineer
2021—Current
- Built complex, data-intensive UI features for a fintech reporting platform serving enterprise clients managing hundreds of accounts, improving clarity and performance at scale.
- Architected scalable front-end systems using React, TypeScript, Material UI, Sass, and MobX, integrating seamlessly with Node.js APIs to deliver fast, reliable, and predictable user experiences.
- Drove cross-functional delivery in agile sprints, translating complex business requirements into intuitive, production-ready components shipped on a consistent two-week cadence.
- Strengthened engineering velocity and reliability by contributing to CI/CD pipelines (Jenkins, GitLab, OpenShift) and leveraging AI-assisted tooling to accelerate development and improve test coverage.

Situation

Enterprise fintech application replatforming. Clients needed the ability to pull financial reports that included hundreds of accounts. Platform was known as being best in industry and clients relied heavily on the ability to pull financial reports with a large variety of highly customizable filtering techniques.

Approach

Built a scalable, component-driven UI system that prioritized clarity and predictability, ensuring high-stakes financial workflows remained fast and reliable as data complexity grew.

Technical Work

Engineered data-intensive React/TypeScript features with MobX state management, Jest/Enzyme testing, and integrated Node.js APIs, and shipped on an aggressive two-week CI/CD cadence.

Lessons Learned

"UI systems benefit from modularization, and components should be designed with asynchronous data flow architectures from the ground up. When API contracts are consistent and predictable it makes product development flow faster."

Dority Design Works

Freelance Web Designer → Developer → UI Engineer
2005—2021
- Led brand and visual identity development, creating logos, style guides, and cohesive marketing assets across print and digital media (brochures, business cards, websites), partnering closely with clients and creative teams to refine concepts and align with business goals.

- Designed and built responsive, mobile-first websites, translating brand systems into polished, user-centered front-end experiences with intuitive UX and seamless cross-device performance.
- Engineered and deployed database-driven applications using PHP, MySQL, and cloud platforms including AWS and Heroku, managing hosting, scalability, performance optimization, and long-term maintenance.
- 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.

Situation

Clients needed a partner who could move fluidly across brand strategy, visual design, online presences, and shipped software — without losing coherence between disciplines or handing off to a different vendor at each stage.

Approach

Built integrated workflows that connected brand identity, design systems, and full-stack execution under one roof, turning individual projects into long-term partnerships grounded in trust.

Technical Work

Designed brand systems and responsive websites, built and deployed database-driven apps on cloud hosting services such as AWS, and Heroku using React, Javascript, NodeJS, PHP, MongoDB and MySQL. Earned a Silver Caddy Award for Creative Excellence for the Jeep Liberty site.

Lessons Learned

"Robust and flexible design systems and visual assets simplify the development of every additional project"