

Teddy Brown

LA, CA | Remote • teddybrown91117@gmail.com github.com/tb91117

CAREER SUMMARY

- 10+ years of engineering excellence, delivering scalable, high-performance software solutions across startups and enterprise environments
- Successfully Led 20+ end-to-end client projects, driving development from concept to launch, through close collaboration with cross-functional teams in fast-paced agile environments.
- Spearheaded the architecture and development of a scalable SaaS MVP at Innostax, which directly secured \$500K in pre-seed funding and demonstrated market readiness
- Orchestrated the modernization of GrubMarket's e-commerce platform, cutting load times by 40% and boosting organic traffic by 20% through SEO and SSR improvements

CORE QUALIFICATIONS

- Full Stack Development & System Design
- DevOps & CI/CD Pipelines
- Design Patterns & Complex Algorithms
- Large-scale systems architecture
- Cloud Architecture & Services
- Event-driven & Microservices Design
- Distributed Computing & Networking
- Security Threat Analysis & Mitigation
- Full-coverage Testing (unit, integration, SVT/BVTs)
- Agile Software Development Methodology
- Mentorship & Empathetic Leadership

PROFESSIONAL EXPERIENCE

Senior Software Engineer
Innostax Tech LLC – Remote, MA

Aug 2020 – Jul 2025

Cloud-first consultancy helping startups build scalable SaaS products

- Led the design and end-to-end development of a scalable MVP for a logistics startup, leveraging Next.js, TanStack Query, Payload CMS, AWS S3, PostgreSQL with Prisma ORM, which secured \$500K in pre-seed funding.
- Directed the full-cycle development process for an innovative CRM system leveraging React, Node.js, D3.js, Zustand, and Payload CMS, yielding a significant increase in sales efficiency of 35%, and elevating overall customer loyalty.
- Architected and scaled microservices infrastructure, designing independent, scalable services using Node.js, NestJS, and gRPC, enabling system to seamlessly handle a 3x more concurrent user requests with zero performance degradation.
- Designed and implemented CI/CD pipelines using Jenkins, Docker, and Azure DevOps, resulting in a 75% increase in deployment frequency and enabling faster release cycles for critical updates and features.
- Enhanced recommendation engine by integrating fine-tuned LLMs, leveraging transformer-based embeddings and real-time user behavior analysis, resulting in a 20% increase in engagement and 15% boost in conversion rates.
- Embedded unit testing practices using Jest and React Testing Library to maintain software quality, which helped identify 25 bugs in the initial stages of development, significantly improving the reliability before full deployment.
- Collaborated cross-functionally with product managers, designers, and stakeholders to define technical requirements and prioritize feature development, leading to the successful delivery of 10+ scalable solutions.

- Mentored a team of 5 engineers, implementing best practices in code reviews, system design, and technical documentation, resulting in a 30% reduction in code defects and a 20% improvement in delivery speed.

Full Stack Engineer
GrubMarket Inc. – Remote, CA

Aug 2017 – Jul 2020

Online grocery and food tech startup

- Revamped the retail e-commerce platform, migrating from a monolithic Java-based legacy system to a modern stack with React, Tailwind CSS, and Node.js, enhancing maintainability and reducing long-term operational costs by 30%.
- Optimized MySQL database performance by refactoring 50+ SQL queries and integrating Redis caching, reducing query response time from 500ms to under 100ms, which led to a 25% increase in user retention due to faster load times.
- Architected and built a cutting-edge Progressive Web Application (PWA) using React and Service Workers, achieving a 70% improvement in offline functionality and reducing load times by 50% on low-bandwidth connections.
- Leveraged event-driven architectures with Apache Kafka and RabbitMQ, processing 1 million+ events daily for real-time data synchronization, resulting in a 50% improvement in data consistency and a 40% reduction in latency.
- Enhanced frontend performance and SEO, implementing server-side rendering (SSR), structured data markup, and optimized meta tags, leading to a 40% reduction in page load time and a 20% increase in organic traffic in three months.

Full Stack Developer
Custom Ink – Fairfax, VA

Aug 2015 – Jul 2017

Custom apparel e-commerce platform

- Designed and developed an interactive custom apparel design tool with JavaScript, React, and HTML5 Canvas, offering real-time previews and seamless customization, driving 1M+ unique designs annually and boosting sales by 25%.
- Built and maintained backend services using Node.js with Express.js, handling 50,000+ orders and 20,000+ customer records annually, which improved order fulfillment efficiency by 30% and reduced system downtime by 20%.

EDUCATION

B.S. Computer Science
James Madison University

Sep 2011 – Jul 2015

SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, HTML, CSS, SCSS/SASS
- **Frontend:** React, React Native, Next.js, Redux, Zustand, React Query, Tailwind CSS, Shadcn UI
- **Backend:** Node.js, Express.js, NestJS, RESTful APIs, GraphQL, gRPC
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Prisma, Drizzle, TypeORM, Redis, Celery
- **Cloud & DevOps:** Azure, AWS, Docker, Kubernetes, Terraform, Ansible, Jenkins, CircleCI
- **Testing & Automation:** Jest, Mocha, React Testing Library, Cypress, Storybook, Playwright
- **Project Management:** Git, GitHub, Agile, Scrum, Kanban, JIRA, Linear, Slack, Trello, Notion