

SHAMEL ABRAHAM BARTLESON

Senior Software Engineer | React, Next.js, Angular, Node.js

Results-driven Senior Full Stack Engineer with over 10 years of experience architecting and engineering scalable, secure, and high-performance web applications across industries. Expert in full-stack JavaScript/TypeScript development, with deep proficiency in React, Angular, Next.js, and Node.js. Adept in cloud-native architectures on AWS and GCP, microservices, and event-driven systems. Strong leadership background in agile teams, CI/CD automation, and DevOps collaboration. Known for transforming complex business requirements into robust, elegant digital solutions and mentoring cross-functional teams to deliver continuous value.

WORK EXPERIENCE

ENDERTECH | Los Angeles, CA

Dec 2023 ~ May 2025

Senior Software Engineer

- Led architecture and end-to-end development of enterprise-grade applications using React (with Next.js SSR) and Node.js in microservice and serverless environments.
- Directed a team of 8 developers, overseeing architectural decisions, code quality standards, and delivery schedules in Agile/Scrum workflows.
- Architected cloud-native infrastructures on AWS and GCP, incorporating services like Lambda, EC2, RDS, Firebase, and Cloud Functions, reducing cloud spend while supporting apps serving millions of users.
- Increased frontend performance by 35% through implementation of React hooks, lazy loading, modular components, and state management via Redux.
- Engineered scalable APIs with GraphQL and REST, integrating seamlessly with distributed systems and improving data fetching efficiency across services.
- Reduced backend latency by optimizing database interactions and restructuring service orchestration using message brokers (RabbitMQ, Kafka).
- Automated infrastructure provisioning using Terraform and AWS CloudFormation, streamlining DevOps workflows and minimizing manual overhead.
- Implemented robust security architectures including OAuth2, JWT, and encrypted storage/transit protocols to ensure compliance and data integrity.
- Containerized applications with Docker, orchestrated deployments with Kubernetes, and configured real-time monitoring using Prometheus and Grafana.
- Championed developer excellence through peer code reviews, technical mentorship, and knowledge-sharing initiatives across cross-functional teams.

BILBERRY | Seattle, WA

Feb 2019 ~ Nov 2023

Senior Full Stack Engineer

- Designed and implemented full-stack solutions leveraging React, Angular, and Node.js, ensuring seamless UX and maintainable architecture across client-facing and internal applications.
- Led migration from monolithic systems to microservice-based architectures, improving scalability, modularity, and fault tolerance.
- Delivered highly performant serverless solutions using AWS Lambda, API Gateway, and CloudFront, resulting in faster page loads and reduced infrastructure maintenance.
- Developed real-time collaboration features via WebSockets and Socket.IO, enabling live updates and multi-user interaction in web platforms.

CONTACT

HUTTO, TX

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[linkedin Profile](#)

SKILLS

Programming Language

JavaScript, TypeScript

Frontend

React, Angular, Next.js, Vue.js, TypeScript, JavaScript (ES6+), Redux, Zustand, RxJS, MUI, Tailwind, Ant Design

Backend

Node.js, Expressjs, NestJS, REST, GraphQL, WebSockets, gRPC, Socket.IO, Microservices

Cloud Platforms

AWS (EC2, Lambda, S3, RDS, ECS, CloudFormation), GCP (Compute Engine, Firebase, Cloud Functions), Azure (working knowledge)

Databases

PostgreSQL, MySQL, MongoDB, DynamoDB, Redis

DevOps

Docker, Kubernetes, Terraform, Jenkins, GitLab CI/CD, Prometheus, Grafana

Security

OAuth2, JWT, RBAC, SAML, HTTPS, CSRF/XSS mitigation

Testing

Jest, Mocha, Cypress, Jasmine, Enzyme

Tooling

Git, Webpack, Babel, Postman, Swagger, VSCode, IntelliJ IDEA

Methodologies

Agile/Scrum, CI/CD, TDD, BDD

- Streamlined CI/CD processes with Jenkins and GitLab CI, shortening release cycles and reducing manual intervention by over 50%.
- Managed database strategy across MongoDB, PostgreSQL, and Redis, ensuring data consistency, high availability, and optimized query performance.
- Strengthened application security with RBAC, OAuth2, and audit trail implementations aligned with OWASP standards.

● **Iron Forge Development | *Palm Beach Gardens, FL***

Full Stack Engineer

Sep 2016 ~ Jan 2019

- Architected and maintained backend APIs with Node.js/Express and integrated with external services, ensuring high reliability through load balancing and service clustering.
- Delivered performant SPAs using Angular, SASS, and modern JavaScript (ES6+), enhancing frontend responsiveness and user satisfaction.
- Built and maintained serverless applications with AWS Lambda and API Gateway, achieving a 25% reduction in hosting costs and increasing backend reliability.
- Led performance tuning efforts using code-splitting, SSR, and optimized asset delivery, improving time-to-interactive and reducing bounce rates.
- Spearheaded adoption of Docker and ECS, enabling streamlined deployments and consistent environments across staging and production.
- Collaborated with DevOps on CI/CD pipelines and infrastructure automation using Terraform, reducing onboarding time and deployment friction.
- Implemented secure authentication flows with JWT, improving security posture and simplifying service-to-service communication.

● **Rootstack | *Austin, TX***

Jan 2015 ~ Aug 2016

Software Developer(Frontend Focus)

- Built interactive UIs with React, working closely with product and design teams to translate UX wireframes into high-fidelity, responsive components.
- Developed RESTful APIs in Node.js for data synchronization and CRUD operations, interfacing with both internal and third-party systems.
- Migrated legacy systems to AWS, leveraging EC2 and S3 to improve uptime and reduce operational costs.
- Contributed to containerization strategies using Docker, and deployed microservices to AWS ECS, gaining foundational experience in modern DevOps workflows.
- Practiced TDD/BDD using Jest and Mocha, resulting in more robust and maintainable code with higher test coverage.
- Participated in Agile ceremonies and improved team delivery velocity through collaborative sprint planning and retrospectives.

EDUCATION

2010~2014

University of Houston

- Bachelor's in Computer Science

LANGUAGE

English