

Ben Clark

Senior Senior Full Stack Software Engineer

SUMMARY

- Senior Full Stack Engineer with 5+ years designing scalable TypeScript-first architectures using React, Next.js, and Node.js.
- Expertise in multi-tenant SaaS platforms, API-driven systems, and complex business workflow automation.
- Proven track record in full software lifecycle ownership from architecture to deployment and production support.
- Strong skills in REST API design, database modeling (PostgreSQL, MongoDB), and cloud-native application delivery.
- Experienced in engineering best practices including modular design, reusable components, CI/CD pipelines, and cross-functional collaboration.

TECHNICAL SKILLS

Main Technical Skills	TypeScript (5 yr.), React (5 yr.), Next.js (5 yr.), Node.js (5 yr.), RESTful API (5 yr.)
Programming Languages	JavaScript (5 yr.), Python, TypeScript (5 yr.)
JavaScript Frameworks	Angular, Express, Next.js (5 yr.), Node.js (5 yr.), Nuxt, React (5 yr.), Vue.js
Python Frameworks	FastAPI
Databases & Management Systems / ORM	MongoDB (5 yr.), MySQL (5 yr.), PostgreSQL (5 yr.)
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker
SDK / API and Integrations	FastAPI, RESTful API (5 yr.)
Version Control	Git (5 yr.)

WORK EXPERIENCE

Full Stack Software Engineer - Mudbath Digital (Scalable Full-Stack Applications and SaaS Platforms)

Duration: May 2024 – February 2026



Summary:

- Designed and delivered scalable full-stack applications including frontend interfaces, backend services, APIs, databases, and third-party integrations
- Focused on building modern React and Next.js applications and Node.js backend services with a TypeScript-first architecture
- Developed SaaS-style architectures supporting complex workflows and multi-user environments

Responsibilities:

- Designed TypeScript-first application structures with reusable components and shared models.
- Developed React and Next.js frontend applications optimized for performance and scalability.
- Built backend services using Node.js and REST APIs with structured business logic layers.
- Implemented authentication, authorization, validation, and data management workflows.
- Improved application maintainability through refactoring and reusable engineering patterns.
- Collaborated with product managers, designers, and engineers to translate business requirements into technical solutions.
- Owned features through architecture, development, testing, deployment, and production support.
- Diagnosed and resolved complex issues across frontend, backend, API, and database layers.

Technologies: TypeScript, React, Next.js, Node.js, REST API, SaaS architecture, Authentication systems, API integrations, Databases

Software Engineer / Full Stack Developer - Anditi (Enterprise-Grade Web Applications)

Duration: July 2021 – April 2024

Summary:

- Developed enterprise-grade web applications spanning frontend, backend, APIs, databases, and external integrations
- Focused on reusable React and TypeScript patterns and API-driven solutions connecting user interfaces with business services and persistent data layers

Responsibilities:

- Developed reusable React, TypeScript, and backend development patterns to improve engineering consistency.
- Designed API-driven solutions integrating user interfaces with business services and databases.
- Implemented complex business workflows including authentication, permissions, data processing, and integrations.
- Created scalable database models using relational and document-based databases.
- Optimized performance and refactored existing applications for architectural improvements.
- Participated in design reviews, code reviews, testing, deployment, and production maintenance.



- Collaborated closely with engineering and product teams to deliver reliable software solutions.
- Owned complete software delivery from requirements analysis through release.

Technologies: React, TypeScript, REST API, Relational and document-based databases, Backend development, Authentication, Permissions, API integrations

Software Engineer - 4Tel (Production Software Features for Business Applications)

Duration: September 2020 – June 2021

Summary:

- Developed production software features across frontend, backend, API, and database layers for business applications
- Focused on scalable application functionality and data-driven workflows

Responsibilities:

- Developed scalable application features based on technical requirements.
- Built data-driven workflows and user-facing features for business applications.
- Debugged production issues and delivered maintainable technical solutions.
- Contributed to testing, code reviews, version control, and application maintenance.
- Established strong foundations in software engineering, architecture, and production development.

Technologies: Frontend and backend development, API, Database layers, Testing, Debugging, Code review

EDUCATION

- **University of Newcastle**
Bachelor of Software Engineering (Honours)
2016 – 2020

