

TAYYABA ALTAF

Senior Software Engineer, React & Next.js

+92 3228935695 | tayhhba@gmail.com | Hyderabad, Pakistan | GitHub | LinkedIn | Portfolio: tayba.dev

PROFESSIONAL SUMMARY

Full Stack Engineer with 4 years of professional experience building production web applications in TypeScript, React, and Next.js, with proven ownership of features end-to-end from implementation through production deployment. Deep hands-on experience across Google Cloud Platform, Cloud Run, Cloud Storage buckets, Firestore, and BigQuery-adjacent analytics pipelines, alongside AWS (EC2, S3, SES, Route 53) and Docker-based CI/CD. Skilled at designing and integrating secure RESTful APIs and scalable backend services in fast-moving, cross-functional teams. Actively uses AI-powered development tools, Claude, Claude Code, Cursor, Google Antigravity, and GitHub Copilot, as part of daily engineering workflow to accelerate delivery without compromising code quality.

WORK EXPERIENCE

Founding Engineer | Trainset AI

Oct 2025 – Jul 2026

- Owned features end-to-end, led full-stack development of an enterprise-grade data labeling platform from architecture through production launch, owning the Next.js/TypeScript frontend and Node.js backend end-to-end.
- GCP infrastructure, configured a single application deployment on GCP Cloud Run to serve multiple domains from one hosted platform, using Cloud Storage buckets for asset storage and Firestore as the primary data store for worker, reviewer, and client-facing portals.
- CI/CD & reliability, architected backend infrastructure across AWS (EC2, S3, SES) and GCP, containerizing services with Docker for zero-downtime rolling releases and cutting deployment time by ~60%; ran CI/CD workflows with Docker Compose for consistent, monitored production releases.
- Systems integration, integrated Label Studio OSS with the Next.js frontend, resolving cross-origin, CSRF, and webhook-registration issues to ship a stable, production-ready labeling workflow.
- APIs & AI-assisted delivery, built secure RESTful APIs for a cryptocurrency micro-payment transaction engine, and used Claude, Cursor, and GitHub Copilot throughout the build to speed up scaffolding, debugging, and code review.

Full Stack Developer | Coder System

Jul 2024 – Sep 2025

- Frontend development, built responsive React.js dashboards and admin panels with reusable component patterns, forming the foundation for the agency's client-facing UI work over the following two years.
- Scalability, customised and extended a PHP-based social network platform to handle 500+ concurrent users, adding new API endpoints and performance/scalability improvements.
- Cloud infrastructure, provisioned and managed GCP Cloud Storage and AWS S3 for media and static asset delivery across client projects, configuring CDN caching rules that cut average page load times by ~35%.
- Production ownership, built a Learning Management System serving 200+ students; integrated Zoom and Cloudflare CDN, reducing video buffering complaints by ~70%.
- API integrations, developed a multi-vendor e-commerce platform with PayPal, SquareUp, Stripe, and Paystack integrations, processing \$10K+ in transactions within the first month.
- Shopify development, built and customised Shopify storefronts for e-commerce clients, including custom Liquid sections, theme modifications, and third-party app integrations.
- Security & maintenance, upgraded Laravel and Flutter dependencies across 3 legacy projects, eliminating critical security vulnerabilities.

Full Stack Developer | AZ-Solutions

Jun 2022 – Jul 2024

- System design, designed and built a full CRM system from scratch, including a biometric attendance module, live notifications (Pusher), and real-time employee tracking, adopted by a team of 50+ staff.
- Data pipelines, delivered a School Management System with bulk Excel/CSV data import, reducing manual data entry by 80% and supporting 1,000+ student records.

- Shopify development, built and maintained Shopify-based storefronts for service and e-commerce clients, customizing themes and navigation and integrating client-specific features within an agency sprint workflow.
- Cross-functional delivery, integrated third-party APIs across multiple client projects and optimized legacy PHP codebases for performance and security, collaborating closely with designers, QA, and PMs in a sprint-based agency workflow.

TECHNICAL SKILLS

- Languages: TypeScript, JavaScript (ES6+), PHP, HTML5, CSS3
- Frameworks & Libraries: React.js, Next.js, Vue.js, Node.js, Laravel, Tailwind CSS, Bootstrap, Shopify (Liquid, theme customisation)
- Cloud & DevOps: GCP (Cloud Run, Cloud Storage, Firestore, BigQuery-adjacent analytics), AWS (EC2, S3, SES, Route 53), Docker, Docker Compose, CI/CD pipelines
- Databases & APIs: MySQL, Firebase/Firestore, RESTful API design, Postman
- AI-Assisted Development: Claude, Claude Code, Cursor, Google Antigravity, GitHub Copilot
- Practices: Git/GitHub, Agile/Scrum, Code Reviews, Debugging & Performance Optimization

EDUCATION

BS Software Engineering | Virtual University of Pakistan

2024 – Expected 2028 (in progress, completing part-time alongside full-time engineering roles)