

Siddiq

Senior Full Stack Engineer | TypeScript · React · Node.js (NestJS/Express) · PostgreSQL

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SUMMARY

Full stack engineer with 6 years of experience shipping web and mobile products end to end, from PostgreSQL data models and Node.js APIs to React interfaces. Strong background in e-commerce and fintech: integrated three payment gateways (SADAD, Easypaisa, 2Checkout), built a wallet for 50,000+ users, and delivered marketplace features that increased upsell by 15%. Worked remotely with a European product team and currently architecting a multi-tier government platform with 25+ modules. Uses AI tools daily for prototyping, code generation, review and debugging, with a focus on maintainable code and features that move business metrics.

WORK EXPERIENCE

Rayn Group

Fullstack Developer

Islamabad, Pakistan

Mar 2026 – Present

- Architecting 4RF, a national disaster recovery platform for Pakistan's Ministry of Planning & Development, with hierarchical reporting from field officers through districts and provinces to national level.
- Delivered 25+ feature modules (project management, progress tracking, grievance resolution, funding pledges) across NestJS APIs, a React web app and a Flutter mobile app.
- Designed the PostgreSQL data model with TypeORM, including audit trails, soft deletes and versioned migrations across complex multi-entity relationships.
- Designed a role-based access control (RBAC) system with granular permissions across four user tiers, enforced on both API and UI.
- Built data-dense React views, including GIS (shapefile) map visualizations and site-level progress comparisons, improving field monitoring accuracy.
- Built automated Excel and PDF report generation for provincial and RBF reporting, replacing manual reporting for national decision makers.
- Containerized the stack with Docker Compose for dev and production, with SSL, structured logging and Swagger API documentation.

Droppe

Fullstack Developer / Data Analyst

Helsinki, Finland (Remote)

Apr 2023 – Feb 2025

- Built a saved products feature for the B2B marketplace, used by 10,000+ users to quickly return to favorite products.
- Integrated a Google Retail API recommendation carousel into the storefront, increasing product upsell by 15% in the first quarter.
- Built marketplace analytics with DBT and BigQuery, informing advertising strategy that improved campaign ROI by 25%.
- Designed real-time alerts in automated reports to flag product data discrepancies, cutting issue response time by 30%.
- Collaborated with product and data teams on APIs for data pipelines serving 100,000+ daily users; resolved 50+ production bugs across the marketplace.

Retailo Technologies

Fullstack Developer

Islamabad, Pakistan

Mar 2022 – Apr 2023

- Integrated the SADAD payment gateway for Saudi users, processing \$500K+ in monthly transactions.
- Designed and built a customer wallet (API and UI) for order payments and reward accumulation, serving 50,000+ active users.
- Integrated the Easypaisa payment gateway, increasing payment completion rates by 35% for Pakistani users.
- Refactored backend services to batch API and database calls and remove redundant queries, improving system performance by 200%.
- Shipped 10+ features across web and mobile with React, React Native, NestJS and MySQL during a period of 100% user growth.

Grocer Apps

Fullstack Developer / Data Analyst

Lahore, Pakistan

May 2020 – Mar 2022

- Launched the Grocer Club subscription service, improving customer retention by 20% within six months.
- Built the Grocer mini app inside the Easypaisa platform, driving 50,000+ monthly transactions and a 40% increase in mobile orders.
- Built a recommendation system with AWS Personalize, increasing average order value by 18%, and deployed AWS Fraud Detector for transaction screening.

- Implemented Redis distributed locks on AWS ElastiCache to prevent duplicate orders and payments from concurrent requests.
- Integrated the 2Checkout payment gateway and CleverTap analytics, powering personalized campaigns that increased engagement by 25%.
- Developed 15+ REST APIs for inventory management and built executive and stock movement dashboards in Redash.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Dart

Frontend: React, Next.js, React Native, Flutter, Tailwind CSS

Backend: Node.js, NestJS, Express, REST APIs, asynchronous programming, microservices, TypeORM

Databases: PostgreSQL, MySQL, Redis, BigQuery

Cloud & DevOps: AWS (ElastiCache, Personalize, Fraud Detector), Google Cloud, Docker, Docker Compose, CI/CD

Testing & Quality: Jest, React Testing Library, debugging and troubleshooting, code review

Payments & Data: SADAD, Easypaisa, 2Checkout, DBT, Redash, CleverTap

AI-assisted development: ChatGPT, Claude, used daily for prototyping, code generation, code review and debugging

Tools: Git, Swagger, Jira, Linear

EDUCATION

National University of Sciences & Technology (NUST)

Bachelor of Science in Computer Engineering

Islamabad, Pakistan

2020