

WALEED SHAHZAD

Full Stack Developer & Team Lead | MERN | React Native | Next.js | AWS

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PROFESSIONAL SUMMARY

Full Stack Developer and Team Lead with 7+ years of experience building scalable web and mobile applications using the MERN stack (MongoDB, Express.js, React, Node.js), Next.js, React Native, TypeScript, and AWS. Proven track record of leading cross-functional engineering teams of up to 25, shipping 5 mobile apps to the App Store and Google Play, and delivering a 40% improvement in application speed on a live SaaS product. Strong in SQL and NoSQL database design, REST and GraphQL API development, cloud infrastructure, CI/CD, and application security. Experienced in Agile environments, translating complex business requirements into secure, maintainable, and on-time technical solutions.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL

Frontend: React, Next.js, Redux, Context API, Material UI, Formik, Apollo Client, Responsive Web Design

Mobile: React Native, React Navigation, Redux, Xcode, Android, Google Play deployment

Backend: Node.js, Express.js, NestJS, REST APIs, GraphQL, Socket.IO, WebSocket, JWT Authentication, Role-Based Access Control (RBAC), Background Job Orchestration, Microservices

Databases & ORMs: MongoDB, PostgreSQL, MySQL, DynamoDB, Redis, Firebase, Sequelize, Mongoose

Cloud & DevOps: AWS, Heroku, Vercel, Netlify, Render, Nginx, CI/CD Pipelines, Git, GitHub

E-commerce & CMS: Shopify, Liquid, Shopify Admin API, Storefront API, AfterPay Integration

Practices & Tools: Agile/Scrum, Test-Driven Development (TDD), Code Review, Object-Oriented Design, Design Patterns, Database Design, SaaS Architecture, Security Audits, JIRA, Trello, Asana, ClickUp, Slack

PROFESSIONAL EXPERIENCE

Lead Full Stack Engineer

2025 - Present

Accendia | Remote

- Architected and shipped Accendia AML, a production white-label AML/CTF compliance SaaS for Australian accounting practices meeting Tranche 2 obligations effective 1 July 2026, using NestJS, React 19, TypeScript, PostgreSQL, and AWS.
- Built an AI-powered client due diligence engine that automates customer due diligence plus PEP, sanctions, and adverse media screening, backed by an immutable 7-year AUSTRAC-ready audit trail.
- Engineered enterprise-grade security and workflows: JWT authentication with multi-factor step-up, role-based sign-off (analyst, manager, partner), background job orchestration, and a full CI pipeline with automated test coverage.
- Delivered built-in staff training with competency quizzes and a training register, plus a direct Xero Practice Manager integration for automatic client syncing.

Key Projects

- Accendia AML Compliance Platform:** Anti-money-laundering AI system and white-label AML/CTF compliance web platform for accounting firms with an AI-powered client due diligence agent, risk screening, and regulatory decisioning. *Tech: NestJS, React 19, TypeScript, PostgreSQL, AWS, JWT, RBAC, CI/CD*
- Pigeon Baby Australia:** E-commerce website for Australia's number one baby feeding bottle brand. Shopify storefront with stage-based shopping, a Build-Your-Own-Bottle tool, and AfterPay checkout. *Tech: Shopify, Liquid, Storefront API, JavaScript*

Team Lead (MERN Stack)

Jul 2024 - Present

Tanbits | Lahore, Pakistan

- Lead a cross-functional MERN engineering team of 25 and define long-term technology and development strategies aligned with business goals.
- Own client communication end to end, including requirements gathering, sprint updates, and delivery sign-off.
- Allocate resources and balance workloads across the team to maximize productivity and hit release deadlines.
- Identified and resolved performance bottlenecks through profiling, caching, and database tuning, delivering a 40% improvement in application speed and responsiveness on a live SaaS platform.
- Enforce security standards and best practices through regular security audits and code reviews.

Key Projects

- **Sydney Water:** Government customer portal for Australia's largest water utility covering billing, account management, meter reads, fault reporting, and real-time dam levels. *Tech: React, Node.js, TypeScript, REST APIs, AWS*
- **Greenbox Storage:** Storage service platform serving 1,000+ recurring university students across the USA, with a marketing site, order portal, and admin dashboard. *Tech: MongoDB, Express.js, React, Node.js, AWS, DynamoDB, Redis, Render, CI/CD*
- **Surplex:** Heavy machinery auction platform with secure transactions, real-time bidding, and a CMS-driven listing portal. *Tech: MongoDB, Express.js, React, Node.js, WebSocket*
- **Career Mentor (Mobile):** Mentor-to-employer marketplace with 500+ users where mentors upload candidate resumes for live job postings and earn rewards. *Tech: React Native, Node.js, Sequelize, MySQL, AWS*

Team Lead & Senior MERN Stack Developer

Aug 2021 – Jul 2024

AppsGenii Technologies | Lahore, Pakistan

- Led a team of 15 developers and managed development milestones from planning through final delivery for multiple web and mobile products.
- Mentored and guided developers, improving team workflow and code quality through reviews and pairing; shipped 5 apps to the App Store and Google Play.
- Consulted with engineering teams to assess system loads and design performance improvement plans.
- Maintained complex technology infrastructure and partnered with product teams to plan and implement new features.
- Designed and developed efficient, maintainable software aligned with the business objectives of diverse clients.

Key Projects

- **Bata (Mobile):** Inventory, ledger, wallet, and product catalog app rolled out to 250+ Bata stores across Pakistan. *Tech: React Native, Node.js, Sequelize, MySQL, AWS*
- **Byonyks IoT (Mobile):** Bloodless dialysis automation with patient-doctor management, back-office system, and real-time updates over Socket.IO. *Tech: React Native, Node.js, Express.js, PostgreSQL, Sequelize, Redux, Socket.IO*
- **USA Benefit Group:** Backend dashboard for an insurance company to centralize regional KPI tracking across teams and territories. *Tech: React, Context API, Node.js, Express.js, Sequelize, MySQL*
- **Ada – Check Your Health (Mobile):** AI symptom checker that surfaces personalized medical information from natural-language patient queries. *Tech: React Native, Redux, React Navigation, GraphQL*
- **LassWho (Mobile):** Celebrity-fan engagement app for live one-on-one video chats, monetized through booking flows. *Tech: React Native, TypeScript, Redux, Apollo Client, GraphQL*

MERN Stack Developer

Aug 2020 – Jul 2021

Hashcrafts | Lahore, Pakistan

- Developed full-stack web applications to process and visualize data for international clients.
- Collaborated with the frontend team to define user stories, sprints, and project milestones.

Key Projects

- **Mayor Pilot:** Vehicle theft reporting platform deployed in Nigeria with integrated maps for routing and incident tracking. *Tech: React, Redux, Material UI, Formik*
- **BlueJay – Engage (Mobile):** Home physical therapy companion app keeping patients in sync with their therapists through structured exercise plans. *Tech: React Native, Redux, React Navigation, Native Elements*
- **Kruzee:** North American driving instructor finder with full scheduling, payments, and JWT-based authentication. *Tech: React, Redux, Node.js, Express.js, MongoDB, Mongoose, JWT, NodeMailer*

Software Engineer

Nov 2020 – Mar 2021

OneClout | Lahore, Pakistan

- Debugged and reviewed frontend code and practiced test-driven development with clean, scalable code.
- **Crimson:** E-commerce platform for a clothing brand with seller dashboards and a client-side shopping experience. *Tech: React, Redux, Node.js, Express.js, MongoDB*

Frontend Developer

May 2019 – Jun 2020

Vvork Cloud Technologies | Lahore, Pakistan

- Developed reusable frontend components from design mockups using React and Material UI.
- Integrated compliance and security requirements into software design.
- **PM Pro:** Frontend development for a professional project management tool. *Tech: React, Material UI*

EDUCATION

Bachelor of Science in Computer Science (BSCS), Virtual University of Pakistan

2015 – 2019