Salman Hossain

Software Engineer: React, Next.js & React Native

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SUMMARY

Software engineer building web and mobile products, mainly in React, Next.js, TypeScript and React Native. At Styck I built the company's first mobile app and the integration service that syncs partner data into it; before that, an AI property-inspection platform at Inspectsy and cloud education software at Neurodiversity Academy. Drawn to the parts of a build that need research: API behaviour that doesn't match the docs, performance ceilings, briefs that arrive as a paragraph rather than a spec.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, PHP, Java

Frontend: React, Next.js, React Native, Expo, HTML5, CSS3, Tailwind CSS, SCSS, Vue.js, Bootstrap

Backend & data: Node.js, Express, REST APIs, PostgreSQL, Drizzle ORM, DynamoDB, MongoDB, OAuth 2.0, Stripe, OpenAI API

Cloud & tooling: AWS (Cognito, Amplify), Vercel, Azure, Docker, Git, Jest

EXPERIENCE

Software Engineer · Styck · Melbourne — Sep 2026 – Present

- Built Styck's first mobile app in Expo, React Native and TypeScript: login, password reset, timesheet list, create and detail flows. Issues found in the documented API were fixed in the backend rather than worked around in the app.
- Established Buildpass's limits before committing to a sync. Its edge firewall publishes no rate-limit headers or Retry-After, so every request runs through one shared pacer with exponential backoff, jitter and a global pause on 429.
- Designed the delta sync the API doesn't offer: content-hash change detection against stored entity mappings, matching on ABN, name, email and policy number plus expiry, tenant scheduling so large accounts don't starve short syncs.
- Built a DOCX → HTML engine for the report pipeline after three existing converters failed the PDF renderer's constraints: OOXML parsed directly, a rule-based polish pass, and a PHP sandbox proving the round trip.

Lead Full Stack Developer · Inspectsy · Melbourne — Feb 2025 – Jun 2025

- Took an AI property-inspection proof of concept to a working platform in three weeks: property, inspection, tenant and manager workflows, mobile-first on-site capture and Stripe billing.
- Integrated OpenAI Vision to identify rooms and flag damage and cleanliness in inspection photos, then cut inference latency ~40% with a server-side image preprocessing pipeline.
- Designed the PostgreSQL schema (Drizzle ORM), ran the cloud cost analysis, and mentored interns through MVP delivery.

Software Engineer · Neurodiversity Academy · Sydney (remote) — May 2024 – Feb 2025

- Delivered front and back end features on a cloud learning platform for neurodiverse learners (AWS Cognito and Amplify auth, DynamoDB-backed APIs, Moodle and Stripe integrations), and turned draft requirements into scoped technical tasks, owning urgent fixes to keep delivery on schedule.

Front End Developer · AgencyComp · Texas, USA (remote) — Mar 2022 – Apr 2024

- Built 20+ interfaces for an enterprise commission-tracking platform: complex tables, configurable forms, dashboards and interactive data views. Reviewed two peers' code.
- Cut code execution time ~20% by removing outdated libraries and restructuring the frontend; closed 1,000+ tickets and introduced automation that sped delivery up to 3×, helping the project ship ~50% under its initial cost estimate.

Independent Software Consultant · Upwork · Remote, part-time — Dec 2020 – Sep 2024

- Freelance React and JavaScript delivery for international startups: dashboards, data tools, Copilot Studio customisations. Held Top Rated Plus status with a 100% Job Success Score over 2,200+ hours and USD $50k+ in earnings.
- Ran engagements end to end, from scoping to deployment and handover, plus Python data utilities.

Senior Software Engineer · Codemen Solutions Inc. · Dhaka — May 2016 – May 2020

- Built Storage UI from scratch: authentication, custom queries, ad-hoc code execution. Replaced the team's database tool with one 4× faster and twice the features.
- Developed PremiseHQ, a React Native companion to the web platform, with lock flows over Bluetooth, NFC, GPS and QR codes plus the WorkSafe emergency module.
- Built NetraMark's frontend for a medical imaging platform, turning computer vision output into D3 charts.

EDUCATION

Master of Information Technology (Artificial Intelligence) · University of Melbourne — 2020 – 2022

Bachelor of Science, Computer Science & Engineering · Islamic University of Technology — 2011 – 2015