

Rayhan Mendis

Full-stack software engineer

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SUMMARY

Full-stack engineer with six years across TypeScript, React, Node.js, Python and AWS. I build reliable platforms, bring AI into real workflows, and raise the engineering bar for the teams I join.

KEY WINS

+25%

AI ticket routing accuracy

20k+/day

events at 99.9% reliability

-35%

ETL running costs

18th to 2nd

team agile ranking as Scrum
Master

EXPERIENCE

Career break: travel and relocation

05/2026 – present

Took time out to travel, then relocated from Sydney to London. Settled in and ready to start.

Luxury Escapes · Full Stack Software Engineer

01/2025 – 05/2026

- Improved ticket routing accuracy by **25%** with OpenAI classification integrated with Zendesk and Genesys.
- Handled **20k+ events a day** on SQS/Lambda microservices at 99.9% message reliability.
- Maintained **zero data loss** during migration with a two-way sync between legacy and new stacks.
- Cut average release time from **60 to 40 minutes** and rollbacks by 40% with Jest, Cypress and CircleCI.
- Delivered 12+ releases as platform UI lead, growing adoption by **40% in three months**.
- Primary reviewer for all code across **multiple repositories**.

TypeScript · React · Node.js · AWS · PostgreSQL · Prisma · SQS & Lambda · Valkey · OpenAI · CircleCI

Antler · Senior Full Stack Software Engineer

08/2024 – 12/2024

- Built core functionality for the **Hub 2.0** rollout of Antler's global startup platform.
- Led a DRY refactor that cut targeted areas of the codebase by **25%**.
- Established code guidelines and **an RFC process** for significant changes.
- Primary technical mentor for **three junior developers**.

TypeScript · React · Node.js · Next.js · GraphQL · React Query · PostgreSQL · Vercel

Daisee · Software Engineer

12/2023 – 05/2024

- Refactored ETL pipelines for a **35% cost reduction**.
- Delivered the front-end rebuild in **75% of the allocated time**.
- Led the development of a **cohesive design system** in Figma.

TypeScript · React · Node.js · Python · AWS · Next.js · TanStack Query · AWS Lambda · PostgreSQL · Docker · Figma

VisualCortex · Full Stack Software Engineer

08/2022 – 10/2023

- Implemented a search algorithm that improved performance by **30%** while supporting more search parameters.
- Refactored the Angular front end, cutting components and code by **20%**.
- Built a GStreamer interface that made critical metrics **50% easier to read**.

TypeScript · Node.js · Python · Angular · GraphQL · PostgreSQL · GCP · Docker

Accenture · Software Engineer · Scrum Master

06/2020 – 08/2022

- Delivered **four major features** and led the integration of React 18 and Next.js.
- Managed a team of up to **eight developers**.
- As Scrum Master, took the team from **18th to 2nd of 20** in agile rankings within three months.
- Built a Jenkins CI/CD pipeline moving releases from **annual to monthly**.
- Re-architected to a **serverless design** with AWS Amplify, Lambda and CloudFormation.

React · Python · AWS · JavaScript · Lit · Next.js · Splunk · AWS Amplify · Jenkins

Corin Group · Production Engineering Trainee · Thesis

02/2018 – 05/2019

- Redesigned a laser-based orientation system to use **inertial measurement units**, visualised in real time.

Python · C++ · Blender · Microcontrollers

SKILLS

Advanced: TypeScript, React, Next.js, JavaScript, Python, AWS, Node.js

Intermediate: GCP, Docker, UI/UX design, Figma

Also: GraphQL, PostgreSQL, Prisma, Kubernetes, LangChain, Agile / Scrum

EDUCATION

University of Sydney, 2015 – 2020

Biomedical Engineering (Electrical), Hons

CERTIFICATIONS

Deep Learning Specialization, DeepLearning.AI

Machine Learning, Stanford University

AWS Certified Cloud Practitioner

AWARDS

New Colombo Plan Scholarship (2017)

Hult Prize Sydney University finalist (2018)