

# Lewis Hadden

AVAILABLE FROM  
1 July 2026

## Senior Full Stack Engineer

AWS · AI ENGINEERING · REACT · NODE.JS · TYPESCRIPT

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### ◆ PROFILE

Senior full stack engineer with nearly nine years of experience designing, building and shipping production grade web applications and cloud platforms. I am **AWS certified** and specialise in the **AWS** ecosystem, including Lambda, EC2, CloudFormation, DynamoDB, S3 and API Gateway, and build rich, scalable products end to end with **React**, **Node.js** and **TypeScript**. I am also driving modern **AI engineering** into everyday delivery, using Gen AI coding agents and MCP servers to ship faster, optimise cost and raise code quality. Alongside this I have a strong track record architecting serverless and infrastructure as code solutions, leading agile teams, and delivering enterprise platforms trusted by hundreds of thousands of clients worldwide.

### ◆ CORE TECHNICAL SKILLS

#### Cloud & AWS

AWS Lambda EC2 CloudFormation DynamoDB S3 API Gateway IAM  
CodePipeline CodeBuild CodeCommit

#### AI Engineering

Gen AI Coding Agents MCP Servers AI Models GitHub Copilot

#### Languages & Runtimes

TypeScript Node.js JavaScript HTML SCSS / CSS Bash

#### Frontend

React Redux Next.js Angular Micro-frontends Tailwind CSS CSS Modules  
UI Frameworks

#### Backend & Data

REST APIs Serverless Functions Cosmos DB Azure

#### Testing & QA

Jest Enzyme React Testing Library Cypress Selenium WebdriverIO  
BrowserStack

#### DevOps & Tooling

Docker Linux Git Webpack Babel Split Tunnel VPN

#### Analytics & Platforms

Google Analytics Adobe Experience Manager

### ◆ PROFESSIONAL EXPERIENCE

#### Senior Full Stack Developer, ADP · Contract

Jan 2025 – Jul 2026

18 mos

Solutions architecting and agile software development

React TypeScript Gen AI MCP Servers GitHub Copilot REST APIs Tailwind CSS Webpack Cypress  
React Testing Library Google Analytics

- Delivered complex enterprise features for ADP's payroll platform, taking work from concept through to production deployment for a product used by over 950,000 clients worldwide.

- Migrated legacy web applications to a modern, component based React UI library, improving performance, maintainability and developer efficiency.
- Built and released new features behind feature flags, enabling high customisation and controlled rollout across every environment.
- Drove modern Gen AI engineering practices, using coding agents and MCP servers to increase delivery speed, optimise token usage and raise code quality, and contributed to company hackathons and AI masterclasses led by industry experts.
- Improved accessibility across multiple web applications to meet WCAG standards and deliver a better experience for all users.

## Lead Full Stack Developer, ERGO Travel Insurance

Apr 2024 – Nov 2024

7 mos

Project management, architecting and software development

Node.js TypeScript Next.js Serverless Functions REST APIs Azure Cosmos DB CSS Modules  
Tailwind CSS Cypress

- Architected, built and delivered production ready digital services for clients using Node.js, TypeScript and Next.js on a serverless cloud stack.
- Created and documented company wide development standards, covering best practices and ways of working.
- Built a new company website that scored 100 percent across the board on Google Lighthouse, reflecting a focus on highly performant, accessible sites with strong SEO.
- Produced clear, thorough architecture diagrams for every development project.
- Applied secure by design principles within the code and across the cloud infrastructure to protect services from attacks and risk.
- Managed multiple concurrent projects, running every phase of the software development lifecycle from design and planning through to delivery of enterprise grade services.
- Built the foundation for all future company projects, including a fully featured, optimised UI boilerplate and a Docker stack of local development cloud emulators.

## Infrastructure Architect, Sopra Steria

Jun 2023 – Dec 2023

6 mos

Consulting, digital services and software development

Azure Cosmos DB REST APIs Angular

- Single-handedly designed and architected a complete cloud infrastructure solution to host a brand new microsite for UK Power Networks.
- Devised an optimised database schema by analysing the underlying data requirements.
- Implemented security measures to protect the service from attacks and risk.
- Produced detailed architecture diagrams and blueprinted the low level design, documenting the infrastructure and the decisions behind it.
- Led the development team through the design and planning phases, guiding them through the solution and its implementation.

## Lead Software Engineer, Sopra Steria

Aug 2022 – Apr 2023

8 mos

Consulting, digital services and software development

Angular JavaScript CSS HTML Jest Split Tunnel VPN

- Collaborated with a cross functional team to build traffic management portals for the Singapore Land Traffic Authority.
- Developed high quality Angular components and carried out extensive bugfixing across the codebase.
- Built a bespoke split tunnel VPN solution that gave the team access to environments secured behind a NAT.

## Senior Full Stack Developer, IBM

Jan 2022 – Jul 2022

6 mos

Consulting, software development and leadership

React AWS TypeScript Node.js Lambda EC2 DynamoDB CloudFormation API Gateway S3  
Redux Jest

- Led an agile development team building a brand new e-commerce journey for the Audi UK website.

- Developed and integrated a comprehensive AWS stack spanning Lambda, EC2, S3, DynamoDB, API Gateway and IAM, with continuous delivery through CodeCommit, CodeBuild and CodePipeline.
- Scripted AWS CloudFormation stacks to fully automate the provisioning of new environments, and architected and documented the AWS infrastructure used to host third party code, collaborating with teams across the UK and Germany.
- Built an entire technical capability of highly complex React micro-frontends, and pioneered a custom approach for sharing a single Redux store across several independent React apps.
- Defined and enforced strong coding standards, writing thorough Jest and Enzyme tests to reach 100 percent coverage, and created GitHub workflows to automate build and deployment.
- Planned sprints, managed workload and risk, and mentored team members through pair and mob programming, regular one to ones and tailored learning resources.
- Presented regularly to client stakeholders and ran the project's Technical Playback sessions to grow the wider technical community.

## Lead Front End Developer, IBM

Jan 2021 – Jan 2022

1 yr

Consulting, software development and leadership

React AWS TypeScript Redux JavaScript Jest Adobe Experience Manager Git

- Led a front end team from requirements gathering through to delivery, building a cutting edge solution that let content editors compose bespoke single page applications by dragging and dropping React micro-frontends onto a page.
- Built high quality React and Redux applications using best practices, backed by thorough Jest and Enzyme unit and integration tests.
- Single-handedly architected and implemented the Cookie Control tool for the Audi UK website to ensure GDPR compliance.
- Migrated the legacy tech stack to AWS.
- Presented sprint work to the client regularly at sprint demos.

## Front End Developer, IBM

Aug 2018 – Jan 2021

2 yrs 5 mos

Consulting, software development and technology

React AWS TypeScript Redux JavaScript Jest Adobe Experience Manager

- Built new features for the Audi UK website within a fast paced agile team using React, TypeScript and Redux.
- Wrote automated tests using WebdriverIO and BrowserStack.
- Diagnosed and resolved front end defects across the codebase.

## QA / Tester, IBM

Jan 2018 – Aug 2018

7 mos

Consulting, software development and technology

React Node.js JavaScript Selenium BrowserStack HTML CSS JIRA

- Performed manual testing of web applications, raising and escalating defects through JIRA to the development team.

## ◆ EDUCATION & CERTIFICATIONS

### AWS Certified Cloud Practitioner

Certified

Amazon Web Services

### BCS Software Development Apprenticeship

Aug 2018 – Apr 2020

Diploma, Distinction · Software Development

### Samuel Whitbread Academy

Aug 2016 – Jun 2018

3 A-Levels

## ◆ INTERESTS

Gym Guitar Boxing