

Adrian Tobi

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EDUCATION

09/2022 – 06/2026	BSc Computer Science , <i>Queen Mary University London</i>	London, United Kingdom
09/2020 – 08/2022	A Levels , <i>St. Andrew's Catholic School</i> <i>Maths - A*, Computer Science - A, Physics - A, EPQ (Extended Project Qualification) - A</i>	Leatherhead, United Kingdom

WORK EXPERIENCE

03/2024 – 05/2026	Software Engineer , <i>JeffreyAI</i> - Architected and published dearj, a customisable email editor package using Next.js, TypeScript, and Stripe, with 100+ installs enabling third-party developers to integrate drag-and-drop email builders into custom workflows and reduced integration time by ~10% compared to competitors. - Engineered a client-facing LinkedIn Chrome extension with Plasmo, React, and TypeScript to seamlessly extract lead contact information directly into the internal ecosystem, saving sales teams ~3+ hours per week in manual data entry. Also integrated CI/CD workflows for Plasmo deployments to the chrome and firefox webstores ensuring reliability. - Maintained and optimised core enterprise CRM software built in Angular, resolving critical front-end bugs and improving platform stability for daily active users. Identified and resolved frontend bottlenecks, optimising the system and reducing load time for users by ~10%.	Epsom, United Kingdom
01/2024 – 03/2024	X++ Developer , <i>Carbon & Finch</i> - Debugged and optimised backend enterprise workflows within Dynamics 365 / Dynamics AX, systematically identifying and resolving critical application defects. - Designed and deployed customised X++ business logic to tailor CRM/ERP modules to client-specific operational requirements.	Epsom, United Kingdom

07/2022 – 09/2022	Frontend Developer, WeDance - Refactored existing codebase using Vue.js to resolve front-end UI bugs, improve performance, and enhance platform maintainability. - Designed and implemented feature updates for a major application release, expanding user engagement tools.	Remote, United Kingdom
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</> PROJECTS

TorrentMQ  — Browser-native peer-to-peer messaging library that builds a self-healing mesh network via WebRTC data channels with a publish/subscribe broker layer. It is a high-throughput library handling real time data streams utilising WebSockets as a "network layer" and optimising for low latency and high concurrency under load. Reached 100+ NPM weekly downloads and expanded the architecture by external contribution to support Model Context Protocol (MCP) integrations for AI agents.

RBBTClient  — RBBTClient is a JavaScript library designed for seamless interaction with RabbitMQ over WebSockets, peaking at ~2.5k weekly NPM installs. Extended framework support by creating custom Next.js hooks and React providers for real-time queue subscriptions.

Cuery  — Cuery is a versatile command line utility designed to streamline the execution of commands by leveraging aliases stored in a configuration file.

Developer portfolio  — Personal website displaying full-stack software development projects, technical skills, and work experience.

Epsom and Ewell Hub  — Careers service platform engineered with Wix in collaboration with Dentsu. Currently actively maintained and updated to serve 500+ local job seekers.

Noodle (formerly known as LofiAt and DarkUx)  — Productivity application featuring customisable ambient study spaces, integrated Spotify streaming, and task management tools.

TECHNOLOGIES

- TypeScript	- Python	- Rust	- Nodejs
- Java	- PHP	- SQL	- Dart

AWARDS

17/03/2023	EECS Lab Support System: Design Competition, <i>School of Electronics Engineering and Computer Science (QMUL)</i> First-place technical solution designed to optimise laboratory support systems for students and faculty.
30/11/2022	Duke of Edinburgh's Gold Award Earned for building study application prototypes and demonstrating advanced technical problem solving skills. Award presented at Buckingham Palace.