

TOMMY BOWDEN.

(HE/THEY).

SOFTWARE ENGINEER.



:TOMMOOSE@PM.ME



:07726555692



:TOMMOOSE.NET

SKILLS.

Javascript, Typescript, React.JS, Next.JS, Express.JS, Node.JS, React Native, Firebase, Python, AWS, Boto, Java, C#, .NET, SQL, Postgres, Hubspot, Sanity.IO, CI/CD, OpenAI, Prompt Engineering, Git.

WORK EXPERIENCE.

SOFTWARE ENGINEER @ XDESIGN / MAR 2024 - PRESENT.

- Collaborated with StopScams UK, using AI to identify, combat and counter, scam SMS messages whilst gathering fraudster financial data.
- Security Champion on SSUK, implementing security tools and procedures to bolster SDLC security measures, including CI/CD pipeline checks and security utilities such as Snyk and Trivy.
- Facilitated communication between data collection efforts and financial institutions for account restriction, fund recovery, and potential legal action.
- Used a range of technologies including OpenAI, Python, Boto, Twilio, Java, and Postman in project execution.

GRAD SOFTWARE ENGINEER @ XDESIGN / MAR 2023 - MAR 2024.

- Led the development of a Learning Management System (LMS) for internal use.
- Utilised Java, SpringBoot (backend), Typescript, React, Jest, and Cypress (frontend).
- Built a platform for managing internal learning resources (books, tutorials, documentation).
- Developed a Unified Data Program (UDP) for data consolidation using .NET and C#.
- Implemented ETL processes with Azure Data Studio and Azure SQL Database.
- Integrated with third-party APIs (hiBob, Float, Greenhouse).
- Developed UK and US landing pages using Sanity CMS (headless CMS) for content management, HubSpot for marketing automation, and React for a dynamic user experience.
- Collaborated closely with the client to ensure alignment with their business objectives.
- Navigated an existing codebase, demonstrating adaptability and problem-solving skills.
- Actively participated in crucial business discussions, showcasing strong communication and collaboration abilities.
- Played a pivotal role from the discovery phase, provisioning resources (e.g., tools, personnel) to initiate the project effectively.
- Identified potential risks and proposed solutions, demonstrating proactive risk management skills.

- Made architecture decisions, contributing to a scalable and sustainable technical foundation for the project.
- Collaborated extensively with stakeholders, product owners, and senior engineers, fostering strong communication and teamwork skills.

JUNIOR SOFTWARE ENGINEER @ NORTHCODERS / JUN 2022 - SEP 2022.




- Enhanced skills in web development technologies and created dynamic web applications using React, Node, PostgreSQL, Express.JS, Git, and Javascript.
- Developed a mobile book-swapping application with React Native and Firebase outside of regular projects.
- Acquired knowledge in project management through Scrum and Agile methodologies for software development cycles at Northcoders.

EDUCATION.

EDGE HILL UNIVERSITY (UNDERGRADUATE) / 2:1

Bachelor of Arts (BA) with honours in Musical Theatre.

CERTIFICATIONS.

-  Foundational C# with Microsoft: Achieved a foundational Microsoft C# certification.
-  Web Design Accessibility Certification: Achieved a certificate in Web Design Accessibility.
-  Next.JS for Beginners: Achieved a foundational certificate in Next.JS.

ABOUT ME.

- You can usually find me with an earphone in, listening to or playing music. I have been playing bass on and off for three years and piano for one.
- My biggest achievement is graduating from university! Although my degree is not in tech, the knowledge and experience I gained from getting my degree, dramatically assisted in my career change in 2022.
- At work I'm best at learning! Having changed my career, I have fully mastered the personal art of productive learning; truly understanding what it takes for me to gain and retain information.
- Right now, I am learning Python and brushing up on my Java skills for a project that uses AI to respond to scam messages.