










// DETAILS


-  **Date of birth**
6th February 1999
-  **Email**
vaeb@hey.com
-  **Website**
<https://vaeb.io>
-  **Based**
London, U.K.

// SOCIAL

-  **Twitter**
@adamthedeveloper
-  **Facebook**
adamjnet
-  **Skype**
live:adamjnetwork
-  **LinkedIn**
adam-robert-johnson
-  **GitHub**
vaeb

// SKILLS

JavaScript



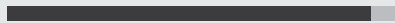
SQL



Node.js



TypeScript



React



Java



ADAM JOHNSON

SOFTWARE ENGINEER

Programming since 11, I have worked with many languages in software development since I was young. I am highly organized with attuned skills in problem solving and mathematics, allowing me to tackle problems in a structured and thorough manner. I have a vast amount of experience with Node.js and SQL, having worked on many large-scale Node.js based projects. These projects include both personal works and usage in the industry.

// EDUCATION

2021 - 2022
Manchester, UK

● **Advanced Computer Science MSc**
University of Manchester

- Specialisation: Advanced Web Technologies.
- Distinction.

2017 - 2021
Liverpool, UK

● **Computer Science BSc**
University of Liverpool

- Includes a Year in Industry.
- First Class Honours.

2015 - 2017
Halifax, UK

● **3 A Levels**
The North Halifax Grammar School

- A2 Levels in Mathematics, Computer Science and Electronics.
- AS Level in Physics.

2010 - 2015
Halifax, UK

● **10 GCSEs**
Calder High School

- Including I.T.

// WORK EXPERIENCE

September 2022
London, UK

● **SOFTWARE ENGINEER**
Amazon

Building cutting-edge mobile-facing products from the ground-up with huge global impact – over 500MM customers – that represent the highest level of company goals. Leading the development with modern technologies including React Native and TypeScript. Additional work with Java and Obj-C. Strong emphasis on highly performant and highly scalable solutions.

Summer 2021
& 2019 - 2020
Liverpool, UK

● **BACK-END SOFTWARE ENGINEER**
ExamSoft

Spent 11 months working full-time as a back-end web developer at ExamSoft. Primarily worked with PHP, MySQL, and JavaScript, using Docker for the environment. While there I completed 130 development tasks. Many of these required interpreting customer needs and then designing, developing, and testing new features or entire projects.

Summer 2017
Halifax, UK

● **FULL-STACK SOFTWARE ENGINEER**
Covéa Insurance

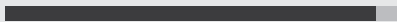
Spent the summer before my first year of university working as a full-stack web developer at Covéa Insurance. Used JavaScript, Vue.js, Node.js, and C#. Developed a system to link all deployments (and upcoming releases) to the corresponding source-control code changes.

// SKILLS CONT.

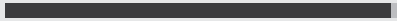
Leadership



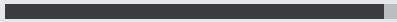
Motivation



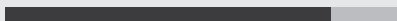
Problem Solving



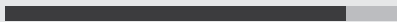
Debugging



Docker



Linux



// INFRASTRUCTURE

AWS



Google Cloud Platform



DigitalOcean



// INTERESTS

▶ Climbing

▶ Fitness

▶ Running

▶ Chess

▶ Travelling

▶ Cooking

// PERSONAL EXPERIENCE

- Long history of development involving JavaScript/TypeScript (and its utilization with Node.js), SQL, and Lua. Worked with Java during my bachelor's and Python during my master's. Experience with C++, Haskell, and PHP, and created many websites using React and Vue.js. My personal enjoyment of software development has motivated me to learn many new languages and technologies ever since I was a child. It is this experience that allows me to adapt rapidly when working with new languages, systems, and tools.

- My passion for web development has led me to develop an assortment of projects using various database systems. I have frequent development experience with PostgreSQL, MySQL, and MongoDB. I originally followed REST when building APIs, however, my love for newer emerging technologies quickly led me to working with GraphQL in most of my projects. The majority of these involved the design, development, and maintenance of data models.

- In 2017, before starting University, Discord was still an up-and-coming chat application, beginning to rapidly grow in userbase. I saw this and noted a lack of any intelligent Discord bots for well-rounded server management. I took this as a challenge and built VaeBot, a program that at its peak was used to manage Discord servers totalling over 23,000 members. On 19th November 2017, it rose onto the GitHub JavaScript trending page and placed me as the 8th highest trending JS developer. I learned a great deal about managing high-load systems in production.

- My primary enjoyment in any project is when I'm developing an algorithm to tackle a difficult problem. This enjoyment led me to compete in the 2016 Google Code Jam (while in sixth-form college), getting through several rounds using the language Lua. I also helped lead a team competing in hackathons while at the University of Liverpool, teaching me a great deal about managing developers to design and construct solutions in a limited time.

- Spent time as a staff contributor for the programming tutorial website Scripting Helpers (which had over 13,500 members whilst I was there). I wrote articles about Computer Science algorithms and concepts, such as Donald Knuth's Dancing Links.

- Maintain my own Linux server and website that I frequently use to host projects in their entirety (the codebase, databases, APIs, docker, etc.), active from 2016 to now. Used AWS EC2, GCP Compute Engine, and DigitalOcean each for at least a year.

- Developed a full-stack academic publication management system named Publo. I analysed the problem of publications being scattered around the web and created a centralized solution to collect and merge/repair this publication data. It uses a stack of TypeScript, Node.js, PostgreSQL, GraphQL, Next.js, and React - managing tables of over a million rows of data.

- I have an ever-present interest in creating software solutions whenever I come across a problem. This has led me to create many more open-source projects such as the full-stack chat application [Vashtalk](#); an automatic [music identifier](#) for Twitch.tv (solving DMCA compliance issues); a 5-star (5000+ users) [Chrome extension & API](#) enhancing Twitch.tv's knowledge-base for their second-largest category; and [more](#).

- All the technical aspects aside, I am also an avid rock climber in my spare time. I go to the bouldering gym at least once a week and have done since I was 13. I have competed in various competitions, both in secondary school (leading to a sponsorship), and as part of the University of Liverpool climbing team. I believe that the reason I enjoy it so much is because it shares a lot of similarities with development. Both require you to break down a difficult problem mentally to find the optimal solution, which can then be applied.

// REFERENCE



DAN SMITH

ExamSoft - Technical Manager

Email: danielhughsmith@hotmail.com



PHIL RATCLIFFE

Covéa Insurance - Senior Developer

Email: phil_ratcliff@yahoo.co.uk