

Skills

Programming Languages: Node.js, TypeScript, JavaScript, Java, SQL

Technologies: Nest.js, Vue.js, React, Spring Boot, MySQL, Git + GitHub

Experience

Junior Web Developer – *nhsbsa.nhs.uk* - London, UK

July 2022 – Present

- Collaborated with team of developers to create a web application for NHS drug and medicine submissions
- Wrote unit tests for every feature implemented before deployment to ensure system reliability
- Participated in daily standups and fortnightly sprint planning meetings to assess project progress

Technologies: Spring Framework, Spring Boot, Java, SQL

Junior Web Developer – *primeboard.org* - London, UK

Aug 2021 – June 2022

- Owned features fully by developing on the backend in Node.js and the Frontend in Vue.js in TypeScript
- Responsible for build and deployment of iOS apps on Apple Developer platform
- Adopted an agile scrum approach and used project management tools like Jira
- Reviewed colleague's PR's and also received feedback on my own work
- Estimated time to refactor and migrate existing codebases from Vue 2 to Vue 3 Composition Api
- Optimized and enhanced developer experience and productivity after migrating to Vue 3 and Pinia
- Mentored colleague to make sure they were confident knowing where to continue before moving on to my next role

Technologies: Nest.js (Node.js), Typescript, TypeORM (MySQL), Vue.js

Education

University of Greenwich - BSc (Hons) Computer Science 2:1 - London, UK

Sept 2018 - May 2021

Enterprise Web Development - University Suggestions Voting System

- Technical lead for a team of 7 developers in creating a secure role-based web system for suggesting improvements in a university in 10 weeks, where I made key technical decisions resulting in the project receiving a First Class Grade.
- Determined and presented the necessary technologies and frameworks to fellow team members
- Organized the hosting and continuous deployment of the web application.
- Introduced essential web development best practices to the team such as separation of concerns and source control.

Mobile Application Development - Property Management Application

- Developed property management android mobile application using Java with an elegant UI that received a first class grade a 100% mark.

Final Year Project - Educational skill-exchange application

- Researched the timebank architecture considering its possible applications for online tutoring to build a non-profit service-exchange system that can grant anyone access to good education.
- Developed a mobile application, *Timeshare*, which allows users to teach what they love in return for *TimeCredits* that can be spent to learn a new skill.

Other Modules:

Programming Foundations – (98%) | Logical Foundations – (96%) | Analytical, Numeric and Statistical Methods – (82%) | Information Analysis – (75%)

Projects

Tutorly – *github.com/ahmadalghali/tutorly*

- Building a web application for a friend's tutoring business as a side project.
- Upgrading from a manual lesson booking process to a fully automated student self-booking service.
- Implementing an admin monitored student-to-tutor live chat functionality.

Technologies: Nest.js (Node.js), Typescript, TypeORM (MySQL), Vue.js