

# Eshan Gupta

Hornchurch, RM11 1EA | [eshan07gupta@gmail.com](mailto:eshan07gupta@gmail.com) | 07535053557 | [LinkedIn](#)

*Software Developer with ISTQB Software Testing Foundation Qualification, SAS and CS50 certifications, and hands-on experience with Typescript, React, Kotlin and SpringBoot for building progressive web applications. With a proven ability to engage with clients and a background in project work, seeking an entry-level position to kickstart a successful career in web development.*

## Technical Skills

### Hard Skills

- Selenium, Git, React, React Native, Expo Go, Next.js, PostgreSQL, SQL, Python, Typescript, HTML, CSS, Docker, Postman, Kotlin, Spring Boot

### Soft Skills

- Team Communication, Budgeting, Adaptability, Problem-solving, Organisation and Scheduling, Leadership

## Courses

### ISTQB Software Testing Foundation Qualification - Learning People

(Jun 2023 – Sep 2023)

- Studied each stage of the SDLC and performed tests to find errors in the developed product

### CS50: Introduction to Computer Science - Harvard University

(Sep 2023 – Jan 2024)

- Learned the basics of Python, C++ and Javascript and completed weekly projects to test my skills

### Full-Stack Engineer - ITCareerSwitch/ Codecademy

(May 2024 – Present)

- Extensive practice using frameworks and libraries for Javascript
- Became familiar with Git and the command line interfaces

## Work History

### Appatree Ltd - Junior Full Stack Software Developer

(Oct 2024 – Present)

- Contributed to the development of the Unight web platform, enhancing user experience and functionality.
- Optimised Next.js project performance by leveraging the latest React and Next.js features, resulting in a significant reduction in Time to First Byte (TTFB) for the client-facing website.
- Implemented server-side rendering and client-side hydration to improve initial page load times and overall website performance.
- Developed serverless functions using AWS Lambda to streamline business processes and automate tasks, improving operational efficiency.

- Deployed applications to AWS using CloudFormation, ensuring reliable and scalable infrastructure.
- Actively participated in decision-making processes, contributing valuable insights and suggestions.
- Adhered to Agile methodologies (Kanban) to promote efficient and iterative development.
- Collaborated effectively with team members through pull requests and code reviews, ensuring code quality and maintainability.

#### **Hi-Tech Plus - Manual Tester**

*(Jan 2024 – April 2024)*

- Conducted manual and integration testing for production websites and apps developed in JavaScript.
- Utilised Selenium testing framework to automated the testing of various scenarios leading to reduced manual team effort.
- Tested a multi-tenant authentication portal, ensuring secure tenant isolation, robust password validation, and reliable backend authentication.
- Maintained an Excel spreadsheet detailing all completed tests for enhanced project transparency and accountability.
- Collaborated with the production team using a Kanban approach to streamline workflows and prioritise work effectively.

#### **Assistant Swim Teacher - Aqua Heroes, Hornchurch**

*(Sep 2019 - Sep 2020)*

- Daily communication with parents to discuss child's progress, enhancing approachability.
- Collaborated with team teachers for group lessons, developing my planning and organisational skills.

#### **Club Swim Teacher - Havering Dolphins, Hornchurch**

*(May 2017 - July 2019)*

- Planned lessons and aided in logistical management, enhancing my organisational, budgeting and time management skills.
- Developed patience through teaching children, a valuable skill for testing.

### **Personal Projects**

#### **Excel VBA and R - Static Analysis**

- Conducted hypothesis and probability testing on statistical, mathematics-based problems using R and VBA. Applied key components such as two-tailed F tests and Poisson distribution tests.

#### **SAS - File and Database Manipulation**

- Analysed trends and created graphs from SAS weather and storm databases. Utilised SAS code to save databases to a cloud system for better accessibility.

#### **Python - The Command Line Games Collection**

- I developed a Python suite of command-line executable games, featuring over 10 unique games, ranging from "Guess the Number" to "Rock-Paper-Scissors."
- Designed modular functions to handle mathematical operations and user inputs, adhering to DRY principles to improve efficiency, maintainability, and code readability.

### **JavaScript, HTML, CSS – Responsive Design Websites**

- Created multiple websites, making use of React and jQuery. Integrated Viewport meta tags to most of my projects to make them more accessible from any device.
- Portfolio static website displaying information and projects for a local crafting business
- Website integrated with spotify API

### **Education**

**Bachelor of Science (Honours) Mathematics** - University of Brighton

*(Sep 2020 - July 2023)*

- Second Class Honours (Upper Division)

**GCSE and A-level** - Southend High School for Boys

*(Aug 2013 - Aug 2020)*

*References Available On Request*