Sam Clark

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Sutton, Greater London

Profile

Highly motivated and organised software engineering graduate with experience developing applications using Java, Kotlin, React and more; strong knowledge of object-oriented design and other patterns such as MVVM. I am looking for my first role in the industry where I can continue to enhance my analytical skills and deliver high quality agile solutions.

Education

Software Engineering BEng Honours   Sep 2021 – Jun 2024

University of Westminster – First Class Honours

- Developed several projects using Java, Kotlin, Swift, React.js & more.
- Achieved consistently high results across modules
- Member of the British Computing Society (BCS)

OCR Level 3 Cambridge Technical Diploma in IT   Sep 2017 – Jun 2019

Carshalton College & Merton College – Distinction* Distinction*

GCSE   Sep 2015 – Jun 2017

Sutton College

- Mathematics at Grade C | English at Grade 5

Employment

Retail Assistant   Jul 2024 – Present
Primark, Kingston Upon Thames & Sutton   Apr 2022 – Oct 2022

- Provided customers with great service on both the shop floor and on tills.
- Ensured that sections of the shop floor were tidy and maintained across the shift.
- Handled sorting of customer returns and redistribution onto the shop floor

Skills

Java | Kotlin | Swift | React | Next.js | TypeScript | JavaScript | HTML | CSS | Sass | Java Spring | Node.js | PHP | SQL | Firebase | Electron | MVVM | REST APIs

Interests

Technology | Programming | Video Games | Piano | Reading | Gym

Projects

L2J Server Web API   Collaborative Project

Java Spring & MariaDB

- Co-development of an API based on data from a game server, with appropriate endpoints.
- Retrieves and parses game data from MariaDB relational database, XML and TSV files.
- Uses a Controller-Service-Repository pattern to ensure separation of concerns.
- Experience submitting pull requests with conventional commits structure.
- Gained experience participating in pair-programming sessions.

Web Scraper & Discord Bot   Personal Project

Java, MySQL & Discord4J

- Web scraper application retrieves most recent news feed posts by parsing website HTML data
- Discord bot application utilises the web scraper application along with Discord4J and MySQL
- Bot stores post data from previously retrieved posts and periodically checks for new posts through web scraper functionality, embedding new posts onto specified discord channels.

Just the News   Personal Project

Kotlin & Firebase

- Developed an Android-based news application using Kotlin & Firebase.
- Provided clear UI/UX design through use of DrawerLayout, RecyclerView & more.
- Implemented location services to retrieve news based on the user's location if the country is supported by the News API service, as well as option to manually set country.
- Utilised Firebase to store user account data upon account creation and for authentication when logging in, as well as other persistent data needs such as the user setting their location.
- Included support for Google Login functionality.

Digital eCommerce Games Media Application   Final Year Project

TypeScript, React.js, CSS, Node.js, Electron & SQLite

- Developed a digital eCommerce application using React.js & Electron framework.
- Utilised IGDB API service to retrieve game product data in JSON format.
- Included an account system with functionality to login, add products to basket and checkout, see recently viewed products and more.
- Ability for user to search by name or genre, as well as see new or upcoming releases.
- Library section for user to view products that they purchased (no payment processing included) and filter by genre and sort alphabetically.

References

References available upon request.