

DHRISHAJ GARG

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Education

The University of Manchester

BSc (Hons) Computer Science with Industrial Experience

- Expected to graduate with First Class Honours (1:1).

September 2021 – July 2025

Manchester, United Kingdom

Jasudben M. L. School

Council For The Indian School Certificate Examinations

- Achieved grade of 92% in ISC (grade 12) and 96% in ICSE (grade 10) examinations.

June 2006 – May 2021

Mumbai, India

Experience

Cantarus

Part-Time Developer - Products

- Implementing new features used across *MemConnect* applications and enhancing current features.
- Working closely with the design team to translate the designs onto the apps.

August 2023 – Present

Manchester, United Kingdom

Cantarus

Developer - Products

- Maintained and developed - as a member of the Products Team - the company product *MemConnect*, which is a collection of micro-services assembled together to develop android and iOS apps for membership organisations.
- Implemented new features and fixed bugs introduced in development cycle of each agile sprint.
 - Built 2 apps from the ground up, by initialising repositories and setting apps up on the *MemConnect* cloud.
 - Applied themes and styling to apps and custom components.
 - Developed and maintained key packages, such as *MemConnect-Jobs*.
 - Created custom components used across *MemConnect* applications.
 - Optimised and improved existing *MemConnect* features for enhanced user experience.
- Programmed in **React Native** (in **TypeScript**) to build the front end. Managed back end connectors using **C#.NET**. Containerised and run connectors locally using **Docker** during development. Mapped back-end data to the front-end using **GraphQL**.
- Reported and fixed any bugs encountered during the testing cycle.

July 2023 – July 2024

Manchester, United Kingdom

Smartech Global Solutions Ltd.

Software Intern

- Designed wire-frames for Enterprise Resource Planning software, and mobile and web applications.
- Evaluated available APIs and resources and created reports to compare APIs depending on the efficiency, cost, and usability.

July 2022 – August 2022

Mumbai, India

Projects

Edge Resources Exploitation in ITS Applications | *Python, Veins*

- Assessing the extent to which computational resources present in road vehicles moving about can be recruited for the execution of time sensitive and emergency-like traffic services in Intelligent Transportation System Applications.

September 2024 - Present

Stendhal | *Java, JUnit Testing, Jenkins*

- Applied industry standard tools for version management, issue tracking, automated build, unit testing, code quality management, code review and continuous integration.
- Learnt about test-first development, parallel development and maintaining code quality, and git workflows.

September 2022 – January 2023

Patch - Pet Matchmaking Website | *HTML, PHP, JavaScript, MySQL*

- Coordinated a team of 7 people to build a website that aimed at finding friends for a user's pets.
- Developed skills such as web development using PHP and HTML, database management using MySQL, effective use of Git, time management and effective communication using Trello Boards.

January 2022 – April 2022

Leadership / Extracurricular

Treasurer | *UoM Tango Society*

- Managing budgets and funds for a society that is free for the wider Tango community in Manchester.
- Teaching Tango at weekly sessions and helping organising socials to foster a sense of community.

July 2024 – Present

Logistics Team Lead | *GreatUniHack 2023 (great-uni-hack-2023.devpost.com)*

- Budgeted and managed the logistics of a 19,000 pound 2-day event for around 200 participants.

June 2023 – October 2023

PASS Leader | *Department of Computer Science*

- Guided 14 first year students through university life. Facilitated peer supported learning and am a point of contact for students for university resources.

September 2022 – June 2023

Events Officer | *UniCS - University of Manchester Computer Science Society (unicsmcr.com)*

- Collaborated with 7 different departments of UniCS to keep the society running smoothly, organising social events and weekly workshops for student at the University of Manchester. Managed a team of 10 members.

June 2022 – May 2023