

## **Eshita Mangal**

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### **Education**

#### **Manchester Metropolitan University**

Sep 2023- Present

Bachelor of Science in Computer Science

Relevant Coursework: Programming, Computer Architecture, Databases, Web Development, Mathematics for Computing.

### **Technical Skills**

**Programming Languages:** Java, JavaScript, C#.

**Front End:** HTML+CSS, C#, Tailwind CSS, Swing.

**Experience With:** Node.js, Git, GitHub, Visual Studio Code, Visual Studio, IntelliJ IDEA, Microsoft Office.

### **Projects**

#### **Chill Find (Ice Cream Locator Website)**

A web application that helps users find nearby ice cream shops, trucks, and vans.

- Detects user locations for precise results, while offering filtering based on distance and ratings.
- Displays custom map markers with detailed vendor information and direct navigation links for easy access.
- Technologies: **Google Maps API, Places API, JavaScript, HTML, CSS.**

#### **Student Loan Calculator**

A Java Swing application to help users calculate their student loan repayments based on salary, loan plan, course length, and fees.

- Features include tooltips for detailed information, a reset button to clear fields, and easy navigation between a main calculator and an "About" page.
- Technologies: **Java, Swing, IntelliJ IDEA, Java Development Kit (JDK) 8+.**

### **Experience**

#### **Student Lab Demonstrator | Department of Computing & Mathematics, Manchester Metropolitan University**

Sep 2024 -Present

- Assisted over 100 students in enhancing technical skills and problem-solving abilities across multiple modules.
- Collaborated with academic staff to conduct practical lab sessions, ensured clear communication in problem-solving and troubleshooting activities, reinforcing team and cross-functional collaboration.

#### **Teaching Internship | Chorlton High School**

July 2024

- Mentored 30+ students during a 3-week internship.
- Worked with 3 mentors to design tech-enhanced lesson plans, incorporating programming and digital resources to support student learning.

#### **Trading Assistant | Sainsbury's Local**

April 2024 - Current

- Delivered exceptional service to over 200 customers daily by enhancing the shopping experience with product knowledge and personalized assistance.
- Improved inventory management processes, reducing discrepancies by 20%.