Hirok Raja  
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**Profile**

A motivated second-year Computer Science student at the University of Dundee specialising in Data Science and Artificial Intelligence, with strong expertise in web development and programming. Passionate about creating responsive, user-friendly web applications using modern technologies. Proven ability to deliver complex technical projects including network infrastructure design, scheduling systems, and interactive applications. Seeking a Junior Web Developer position to contribute innovative solutions and expand technical skills in a professional environment.

**Technical Skills**

• Web Technologies: HTML5, CSS, JavaScript, Bootstrap, Responsive Design  
• Programming Languages: Java, C, Python  
• Version Control: Git, GitHub  
• Development Tools: Visual Studio Code, IntelliJ IDEA, Eclipse  
• Networking & Infrastructure: Cisco Packet Tracer, Network Design, VLAN Configuration  
• Database Concepts: SQL, Database Management Systems  
• Development Methodologies: Team-Based Development, Code Reviews

**Education**

BSc Computer Science (Data Science and Artificial Intelligence)  
University of Dundee | January 2025 – June 2028 (Expected)  
Currently in Second Year  
  
Relevant Modules:  
• Introduction to Website Development  
• Introduction to Software Development  
• Data Structures and Algorithms  
• Networking  
• Unix Systems and Command Line  
  
Key Academic Achievements:  
• Completed full-stack development projects demonstrating proficiency in web technologies  
• Developed strong foundation in algorithmic thinking and problem-solving  
• Gained practical experience in collaborative software development using Git and GitHub

**Projects & Experience**

Hospital Operation Scheduler | Team Software Development Project  
IC10039 - University of Dundee | Jan 2025 – Aug 2025  
• Collaborated in a team to design a hospital operation scheduling app using Java  
• Implemented search algorithms for appointment slot detection  
• Applied software engineering practices: modular design, testing, and version control  
Technologies: Java, Data Structures, Algorithms   
  
Interactive Battleship Game | Software Development  
IC10040 - University of Dundee | 2024  
• Designed and built a fully functional Battleship game using object-oriented principles  
• Implemented turn-based logic, ship validation, and UI feedback  
Technologies: Java, Object-Oriented Programming  
  
College Network Infrastructure Design | Networking Project  
IC10050 - University of Dundee | Mar 2025 – Jun 2025  
• Designed multi-departmental network topology using Cisco Packet Tracer  
• Configured VLANs and routing protocols for network efficiency  
• Created technical documentation and managed 30+ devices  
Technologies: Cisco Packet Tracer, VLAN Configuration, Network Design

**Additional Skills**

Problem-Solving & Analytical Thinking  
• Strong ability to break down problems and debug systematically  
• Proven to deliver solutions under tight deadlines  
  
Team Collaboration & Communication  
• Effective in team-based software projects and code reviews  
• Clear communicator, able to explain technical concepts  
  
Self-Directed Learning  
• Continuously expanding technical knowledge and adapting to new tools

**Additional Information**

Languages: Fluent in English and Bangla  
Availability: Flexible for full-time, part-time, or internship roles  
Work Authorization: Eligible to work in the UK  
Willingness to Relocate: Open to relocation and remote work, including Coventry area  
  
Interests:  
• Artificial Intelligence & Machine Learning  
• Web Development Trends  
• Open-Source Contribution  
• Tech Communities and Meetups

References available upon request