**Adil Chaudhry Ahmir**

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**EDUCATION**

**Royal Holloway University of London**

*B.S. in Computer Science Expected Graduation, July 2026*

* **Grade:** Achieved 2:1 in 2nd year; on track for 2:1/First overall
* **Related Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Software Engineering, Databases, Operating Systems, Artificial Intelligence, Web Development, Machine Learning

**EXPERIENCE**

**J.P Morgan Chase & Co**

***Software Engineering Virtual Experience (Forage)*** *2025*

* Completed an online program simulating real-world software engineering tasks.
* Fixed and enhanced existing code to support financial transaction systems.
* Implemented features using Python and Java, while adhering to industry coding standards.
* Gained exposure to Git, code review processes, and collaborative workflows used by J.P. Morgan’s engineering teams.

**BCG X (Boston Consulting Group)**

***Data Science Virtual Experience (Forage)*** *2025*

* Completed a customer churn analysis simulation for XYZ Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining a strategic investigation approach.
* Conducted efficient data analysis using Python, including Pandas and NumPy. Employed data visualization techniques for insightful trend interpretation.
* Completed the engineering and optimization of a random forest model, achieving a 50% recall rate in predicting customer churn.
* Completed a concise executive summary for the team, delivering actionable insights into informed decision-making based on the analysis.

**PROJECTS**

**Live Crypto Tracker (Flask, CoinGecko API, Chart.js)** *July 2025 – Aug 2025*

* Built a live cryptocurrency tracking web application with portfolio management features.
* Implemented Flask backend with dynamic templates, real-time API integration, and responsive UI.
* Designed dashboard with live stats, 7-day Bitcoin chart, and searchable coin listings.

**Portfolio Website (HTML, CSS, JavaScript)** *Oct 2024 – Nov 2024*

* Created a website to showcase projects and skills, demonstrating front-end development and responsive design.
* Published online: <https://adilsportfoliowebsite.netlify.app/>

**Restaurant Management System (Java, SQL, HTML/CSS/JavaScript)** *Nov 2024 – May 2025*

* Collaborated in a team of 7 to deliver a full-stack restaurant management system for handling menus, orders, and staff dashboards.
* Led the front-end development of waiter and kitchen dashboards, ensuring responsive design and seamless integration with backend services.
* Worked in weekly Agile sprints with a client, gathering requirements, presenting updates, and adapting features to stakeholder feedback.
* Applied **software engineering practices** including version control (GitLab), unit testing (JUnit), static analysis (Checkstyle, Spotbugs), and coding standards (Google Java Style), achieving >90% test coverage.

**SKILLS**

**Programming:** Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, Flask, C,

**Tools:** IntelliJ, PyCharm, Eclipse, AWS, Git, Bootstrap, Spring Boot, Agile,

**Languages**: Fluent English, Fluent Urdu, Fluent Punjabi