

Sheikh Any

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SUMMARY

- **Programming Languages:** Strong in Java (OOP) and C++, with practical experience in Python for backend automation and R for data analysis and machine learning.
- **Web & Software Development:** Skilled in full-stack development using HTML, CSS, JavaScript, React (frontend) and Spring Boot (backend), integrating RESTful APIs and database connectivity.
- **Software Engineering & AI Practices:** Experienced in requirements analysis, implementation, and testing using Agile Scrum; currently applying AI techniques such as clustering, classification, and deep learning in RStudio and Python.
- **Cybersecurity & Networking:** Gaining strong understanding of secure system design, cryptography, and network fundamentals (TCP/IP, UDP) through coursework and projects.
- **Database & Systems:** Proficient in MySQL and MSSQL, capable of designing schemas, writing and optimizing SQL queries, and maintaining data integrity.
- **Tools & Cloud:** Confident with GitHub, Visual Studio, IntelliJ IDEA, and exploring AWS and Docker for DevOps deployment.
- **Professional & Leadership Skills:** Strong analytical, communication, and teamwork abilities — demonstrated through leadership as Scrum Master and collaborative university projects.

EDUCATION

Sept 2023 – present	BSc (Hons) Computer Science (AI)	Brunel University London
<ul style="list-style-type: none">• Logic and computation• Information Systems and Organizations• Data and Information• Artificial Intelligence• Software Engineering	<ul style="list-style-type: none">• Algorithms and their Applications• Networks and Operating Systems• Usability Engineering• Software Development and Management• Cyber Security	
Sept 2021 – July 2022	Access to HE Diploma IT (Distinction)	Newham College London
<ul style="list-style-type: none">• Computer Systems – Hardware & Software Components• Programming – Introduction to Visual Programming• IT Application – Application Software• Research: Extended Project for IT• Relational Database	<ul style="list-style-type: none">• Computer network• Computer Application and Implication• Introduction to Programming Implementation• IT Project• Website Design and Development• Spreadsheets	

WORK EXPERIENCE

June 2025 – Present	Edge AI Engineering Intern ArbaLabs	(ArbaEdge Programme) – Remote
<ul style="list-style-type: none">• Selected for a competitive internship focused on edge AI integrity and model validation in aerospace and defense contexts.• Contributing to the development of ArbaEdge, a system that verifies the authenticity of AI models and outputs from drones and satellites.• Building backend prototypes using Python to generate and log SHA-256 hashes, simulate validation flows, and support future device integration.• Gaining hands-on experience in hash-based verification, secure logging, and offline trust mechanisms for image and model files.• Engaging in weekly Agile-style check-ins, submitting progress reports, and collaborating with mentors from ArbaLabs and Pagoda Projects.		

TECHNICAL PROJECT WORK

Oct 2025 – Present	Airsafe(FYP): AI Based Weather Health Risk Prediction	Brunel University London
<ul style="list-style-type: none">• Developing an AI system that predicts respiratory health risks (asthma/allergy triggers) by analyzing weather and air-quality data such as AQI, humidity, and temperature.• Implementing machine-learning models in Python/R (classification & regression) to generate personalized risk alerts and recommendations.• Designing a user-friendly dashboard with data visualization and profile inputs to support clear decision-making.• Using Agile, REST APIs, SQL, and GitHub for data integration, experimentation, and iterative development.		

Oct 2024 – April 2025	Website Development	Brunel University London
<ul style="list-style-type: none"> Developing a full-stack web application using HTML, CSS, JavaScript, and React for the front end, and Spring Boot with MySQL for the backend. Collaborating with the team using GitHub for version control and Agile Scrum methodology for efficient development. Contributing to coding, debugging, and optimizing application performance. Participating in sprint meetings, reviews, and team discussions to enhance project outcomes. 		
Nov 2023 – March 2024	Raspberry Pi Swiftbot	Brunel University London
<ul style="list-style-type: none"> As an integral part of the Raspberry Pi Swiftbot project, I spearheaded the design and successful implementation of the Java-based navigation system. This pivotal role showcased my adeptness in algorithm design while demonstrating a remarkable adaptability to seamlessly integrate new technologies, resulting in a substantial enhancement in operational efficiency. Developed and implemented a sophisticated Java-based navigation system tailored for the Swiftbot. This system was engineered to prioritize efficient traversal and accurate pathfinding in diverse environments, exhibiting meticulous algorithmic design and a keen focus on optimizing performance metrics. Collaborated with team members to ensure the smooth integration of the navigation system with the overall functionality of the code. 		
Oct 2023 – Nov 2023	Formative Task (Simon Game)	Brunel University London
<ul style="list-style-type: none"> As a pivotal member of an 8-person team at Brunel University London, I played a central role in the development and execution of the Simon game project. This assignment served as a cornerstone of our university assessment, underscoring my proficiency in collaborative software development and project management. Led the implementation of the Simon game on the Raspberry Pi Swiftbot platform, utilizing command-line interface techniques. This involved meticulous algorithm design represented through comprehensive flowcharts and pseudocode. The successful execution of the game underscored my adeptness in crafting algorithms for complex functionalities. Exhibited essential soft skills including time management, organizational skills, project management and teamwork, which significantly contributed to the project's success and ensured timely submission. 		

PROFESSIONAL DEVELOPMENT

Oct 2024 – Dec 2024	READY Programme	Brunel University London
<ul style="list-style-type: none"> Worked in a team of 5 members to develop a product design for the refugees in Mayukwayukwa. Demonstrated my commitment by attending all the sessions during the program. I enhanced both my personal and professional development through active participation in various team projects, successfully contributing to our overall success. Acquired valuable skills and knowledge such as goal setting, networking, and public speaking through the READY Programme. 		
Oct 2025	Learning 4 for Data Analysis	LinkedIn Learning
<ul style="list-style-type: none"> Gaining hands-on experience in R programming for data visualization, data wrangling, and statistical analysis (correlation, regression, and descriptive analytics). 		
Oct 2025	Design Thinking: Understanding the Process	LinkedIn Learning
<ul style="list-style-type: none"> Learned how to apply design thinking principles for user-centered problem solving, team collaboration, and creative solution development. 		

INTERESTS

- Actively involved in the Brunel Tech society by attending meetups, hackathons, and conferences to stay updated with the latest technology trends.
- Continuously seeking opportunities to learn about new technologies and their applications.
- Contributed to the student community as a Student Circuit Ambassador by writing blogs and sharing personal experiences.
- Attended networking events, insight sessions conducted by organisations such as the Bright Network, IBM and STEM fairs.
- Passionate player in sports such as badminton, throwball and handball.
- Volunteered for various events, demonstrating my commitment to serve my community and developing well rounded skills.