

SAANVI SETHI

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EDUCATION AND QUALIFICATIONS

Coventry University, Sep 2022 - Jun 2025

- BSc Computer Science (First Class Honours)
- Key Modules: Big Data/SQL, Artificial Intelligence, Operating Systems, Advanced Algorithms, Software Engineering, Data Science
- Currently pursuing AWS and Azure certifications
- Pandas Certification

WORK EXPERIENCE

Executive Officer, CyberWomen Coventry, Sep 2024 - Apr 2025

- Attended tech expos and career events with 20+ STEM employers
- Delivered workshops for students entering cybersecurity and cloud-based roles
- Communicated with multiple companies to invite them to network with the university

Work Experience, Three UK, Jun 2024

- Gained cross-departmental exposure in Business Analysis, Domain Architecture, IT Testing, Automation Testing & Project Management
- Observed operations of Mobile Core Network and billing systems
- Used Citrix to access and manage client-side systems

Work Experience, Airbus, Summer 2022

- Participated in case studies across Aerospace Engineering, Computing, and Marketing
- Contributed to group projects simulating real-world industry challenges
- Explored legal, IT, and software operations in the aerospace sector

Work Experience, Wood PLC, Spring 2022

- Analyzed sustainable engineering solutions for UK fuel systems
- Presented technical reports on CAPEX costs and business impact for environmental technologies

Volunteer, Ek-Asha Charity, Summer 2020 & 2021

- Taught Scratch and Python to ~50 students in India and the UK
- Fundraised to build an orphanage in Odisha and built a computer lab for STEM education

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, MATLAB, JavaScript, HTML/CSS, Assembly (x86), Linux (Bash)

Software & Tools: GitHub, Visual Studio Code, SQLite, JSON, RapidMiner, SolidWorks, Blender (basic), MS Office

Key Areas of Knowledge: Software Engineering, AI, Mobile Core Networks, Cloud Computing (AWS/Azure), 3G/4G/5G architecture, LinkedIn promotional content

CERTIFICATIONS

- MATLAB Machine Learning Certification
- Pandas/Dask Python Certificate
- AWS and Azure Cloud Certifications (In Progress)

PROJECTS

- KomodoHub Website for Conservation Efforts and Education based in Indonesia
 - MQTT based application simulation for a Smart Home
 - Text-adventure game based on Zork
 - 12-week Computational Physics Course with BPhO, using MatLab
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