

Hanish Abdulla

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Education

University of Leeds, BSc in Computer Science Sept. 2025 – July 2028

- *Modules*: Python & C, Theoretical Foundations of Computer Science I, Computer Systems & Architecture

Birla Public School, Doha, PCM with Computer Science April 2010 – May 2024

- *Extracurriculars* : Track & Field, Robotics

Skills

- Python, Edge AI, JavaScript, TypeScript, NextJS, Expo, React, MySQL, Docker

Experience

Software Engineering Intern, DHL (Deutsche Post AG subsidiary) – Doha, QA April 2024 – Sept. 2024

- Designed and developed an advanced parcel sorting machine, achieving **800 packages/hour for under £315**.
- Developed a routing algorithm using text segmentation to optimize parcel routing based on flight paths.
- Patent Pending Satus (U.S.), funded by Qatar University.
- Secured **First place at Rising Innovators Award** hosted at Websummit Doha 2025 <Gulf Times Publication>
- **Gold Medal at the International Invention, Innovation & Technology Exhibition (ITEX)** hosted at Kuala Lumpur Malaysia 2025

Software Engineer, Qatar University (Contract) Feb. 2025 – May 2025

- Developed Feathr, a comprehensive poultry management software tailored for the Qatari market.
- Presented the app at the Qatar Annual Research Forum and Exhibition 2025.

Activities Coordinator, Leeds Artificial Intelligence Society October 2025 - Present

- Led hands-on workshops on deploying local LLMs, building custom chatbots, and training models on personal machines using modern ML frameworks.
- Organized technical talks with PhD researchers and industry specialists (e.g. AI in healthcare), translating research into practical insights for student developers.
- Directed planning and delivery of Leeds AI Week, the largest AI conference in the Yorkshire region, <Leeds AI Week>

Co-Founder, Head of Software, Panatex Labs August 2022 – Sept. 2025

- Educated over 300 children in robotics across Indian schools and Qatar National Library.
- Donated Panatex S.T.E.M. teaching tools to underprivileged schools to support hands-on learning.
- Authored a beginner-friendly robotics guide, showcased at the World Book Fair 2024 in New Delhi.
- Recognized by the Indian Ambassador for contributions to STEM education. <Gulf Times Publication>

Publications

Becoming a Maker: A Condensed introduction to Hobby Robotics. September 2023

Hanish Abdulla, Jai Aadhithya, Nihal Ashik <Book Link Here>

Projects

M.A.S.H (Modular Automated Sorting Hub) <Video Demo>

- Designed, and built a proprietary OCR powered parcel sorting machine from scratch capable of sorting 800 packages/hour for under \$450.

Feathr

- Built using TypeScript and Expo, this cross-platorm poultry management software leverages React Native.