

MUHAMMED SHEREEF K

BCA Student - AI,ML,Robotics&IoT

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CAREER OBJECTIVE

Motivated and detail-oriented BCA student specializing in AI, ML, Robotics, and IoT, with a strong foundation in programming, web development, cloud computing, and artificial intelligence. Passionate about applying technical skills to real-world projects and eager to contribute to innovative IT solutions.

EDUCATION

Bachelor of Computer Applications (BCA – Artificial Intelligence, Machine Learning, Robotics & IoT)
Yenepoya (Deemed to be University), Mangalore Expected Graduation: 2026

TECHNICAL SKILLS

Programming & Development	C, Java, Python, HTML, CSS, JavaScript
Databases	SQL, DBMS
Technologies	Azure, IoT, AI, ML, Robotics
Hardware	Raspberry Pi, Arduino UNO, NodeMCU
Other	Linux, Shell Scripting, Cybersecurity Basics

PROJECTS

Human Following Robot

Developing an autonomous robot capable of detecting and following humans using sensors and IoT integration. Implementing real-time sensor data processing and motion control algorithms.

Blood Donation Connect – Web Application

Built a responsive web app for managing blood donors and requests. Integrated real-time database using Firebase/Supabase.

Live Demo: shereef888k.github.io/blood-donation-connect

CERTIFICATIONS

- Microsoft: PL-900 (Power Platform), AI-900 (Azure AI), DP-900 (Azure Data)
- Data Science & ML Using Python and Azure – Yenepoya & FutureSkills Prime
- Python for Data Science and AI – IBM (Coursera)
- Introduction to AI – IBM (Coursera)
- Networking Fundamentals – Akamai (Coursera)
- OOP with Java – LearnQuest (Coursera)
- Linux & Shell Scripting – IBM (Coursera)
- Digital Marketing & E-commerce – Google

TRAINING & WORKSHOPS

- Microsoft PL-900: Power Platform Fundamentals
- Microsoft AI-900: Azure AI Fundamentals
- Microsoft DP-900: Azure Data Fundamentals
- Microsoft Cybersecurity Fundamentals Training
- IoT Workshop – Hands-on training with Raspberry Pi, Arduino UNO, and NodeMCU

ACTIVITIES & ACHIEVEMENTS

- NSS Volunteer – Actively participated in community service initiatives and awareness campaigns.
- Global Youth Summit 2025 Volunteer – Assisted at an international event by the State NSS Cell, Govt. of Karnataka.
- Seminar Presentation – Delivered a presentation on “Feedback Control in Mobile Robots.”
- Walkathon Organizer – Organized an awareness event on synthetic drug abuse prevention.

STRENGTHS

- Analytical and problem-solving skills
- Quick learner, adaptable to new technologies
- Team collaboration and leadership experience
- Hands-on IoT and hardware-software integratin