MOHAMED NASIR ABDHUR RAHMAN

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• LinkedIn - linkedin.com/in/abdhur75/ • GitHub - https://github.com/abdhur75

Education

PAK-AUSTRIA FACHHOCHSCHULE   2022-2026
Institute of Applied Sciences & Technology, Haripur, Pakistan
BS, Computer Science. GPA [2.92]
Key Areas: FinTech, Computer Network, Software Engineering, Artificial Intelligence.

E-SOFT METRO CAMPUS   2019
Diploma in Information Technology (DiTec) - Pearson

D.S. SENANAYAKE COLLEGE, Colombo, Sri Lanka   2019-2021
G.C.E. Advanced Level – Commerce Stream
Subjects: Economics (C), Accounting (C), Business Studies (C), General English (A)

Professional Experience

SINO-PAK CENTRE FOR ARTIFICIAL INTELLIGENCE   PAF-IAST, Haripur
AI Developer – Computer Vision Based Project (OpenCV, Python)   Summer 2024
- Built an AI-powered facial recognition attendance system with 90%+ accuracy using OpenCV and Python. Integrated with academic management systems and campus-level deployment

DATAMATION SYSTEMS (PVT) LTD   Colombo, Sri Lanka
Enterprise Resource Planning (ERP) Intern   May 2023 – October 2023
- Assisted in ERP system implementations and process automation
- Streamlined 3+ workflows and contributed to system automation across 2 departments.

KULLIYATHUL IMAAM SHAFIEE   Colombo, Sri Lanka
English language and ICT Lecturer / Instructor   Feb 2022 – Dec 2022
- Taught foundational IT, Digital skills and prepared students for G.C.E. Ordinary and Advanced Level Examinations

Leadership and Activities

NASSER FELLOWSHIP FOR INTERNATIONAL LEADERSHIP (BATCH 05)   Cairo, Egypt
Shortlisted Delegate   May 2025
- Selected to represent Sri Lanka for exceptional performance at the National Youth Summit 2024 - Pakistan, organized by the PM's Youth Programme in collaboration with UNFPA. Recognition is also based on innovation and leadership demonstrated during Zindgi Prize Regional Finals by JS Bank at GIK Institute.

MODEL UNITED NATIONS   PAF-IAST
Management Director   2022 – 2023
- Led strategic planning, delegate training, and event execution for university-level Model UN conferences, enhanced student engagement in diplomacy, negotiation, and international affairs.

Rizq Chapter & Islamic Majlis   DSSC
President   2020
- Spearheaded initiatives promoting ethical leadership, social welfare, and Islamic education. Coordinated community outreach, student mentorship, and interfaith dialogue programs.

- Represented the university in a national-level cricket tournament in three consecutive years organized by the PCB; demonstrated teamwork, resilience, and competitive sportsmanship.

Projects

- **Kids Learning Mobile App (APK)**
  Designed and developed an educational Android application for children using Android Studio, Figma, and Java.
  Deployed APK and conducted UI/UX testing to enhance accessibility and learning interaction.

- **Remote-Controlled Grass Cutter (Using Arduino)**
  Engineered a functional Arduino-based robot capable of cutting grass using microcontrollers, remote wireless modules, and servo motors.
  Integrated real-time control mechanisms with safety protocols for practical utility in residential settings.
  Tools: Arduino IDE, C++, Breadboard Prototyping.

- **Startup Projects: Cost-Effective 3D Printer & Portable Solar-Powered Generator**
  Co-founded an ongoing startup to develop:
  A cost-efficient 3D printer using recycled PET plastic, focusing on sustainable manufacturing.
  A portable solar-powered generator tailored for off-grid rural communities in Pakistan.
  Utilized tools like Figma for design, hardware prototyping kits, and solar energy modules.
  Shortlisted in Hult Prize and Zindigi Prize 2024 Regional Finals. Paper Article
  Skills: Sustainable Hardware Design, IoT, Renewable Energy Systems, Startup Pitching

Certifications

- Entrepreneurship: Launching an Innovative Business – University of Maryland, Coursera
  Show credential
- Advanced Web Development – Live College (BCS, UK Approved) - Verify
- Fundamentals of Digital Marketing – Google Digital Garage - Certificate

Technical Skills

- Languages: Python, C++, SQL
- Tools: Android Studio, MySQL, Visual Studio, Dev C++, Figma, OpenCV, Cisco Packet Tracer.
- Areas of Expertise: Web Development, Computer Networks, ERP Systems Management, Cloud Technologies, Business Management & Marketing.

Languages

- Tamil - Native
- Sinhala - Native
- English - Professional
- Urdu - Basic

References

- Dr. Amir Zeb Khan
  Assistant Provost, PAF-IAST
  amirzeb.khan@paf-iast.edu.pk

- M.Z. Azhar (Chartered Accountant)
  Associate Director, BDO Sri Lanka & Maldives.
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