Contact

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mari-electrical-electronics-engineer
(LinkedIn)

Top Skills

Computer Networking
Circuit Design
Mobile Robotics

Languages

Sindhi (Native or Bilingual)
Urdu (Native or Bilingual)
English (Professional Working)
Balochi (Native or Bilingual)

Certifications

GE Aerospace - Explore Engineering
Job Simulation

Spectris - Measurement Techniques
for Sustainability Job Simulation

Career Essentials in Generative AI
by Microsoft and LinkedIn

Honors-Awards

Recognized for outstanding
academic performance

Imtiaz Ali

Embedded Systems Engineer | Robotics Specialist | IC designing |
IoT Innovator
Naushahro Feroze District, Sindh, Pakistan

Summary

I am passionate Electrical Engineering student specializing in
Robotics, Embedded Systems, IC Design, and IoT Innovation.
Beyond academic pursuits, these fields are my playground for
innovation and creativity. I thrive on pushing boundaries through
hands-on experiences, crafting intelligent systems that captivate the
tech world.

My journey is defined by a pursuit of excellence and an insatiable
hunger for knowledge. More than just a student, I am an enthusiast
who embraces challenges and seeks solutions that redefine what's
possible. My commitment to learning extends beyond textbooks,
actively engaging in real-world projects to translate theoretical
knowledge into practical brilliance.

As an aspiring professional in Electrical Engineering, I am driven by
the belief that innovation is the heartbeat of progress. My skill set
includes:

Embedded Systems Design
Robotics Engineering
IC Design and Development
Internet of Things (IoT)
Microcontroller Programming
Circuit Design and Analysis
System Integration and Testing
These skills, cultivated through a combination of coursework and
personal projects, position me as a dynamic candidate ready to
contribute to cutting-edge advancements.

My goal is to seamlessly blend theoretical expertise with hands-
on proficiency, creating a synthesis that not only meets industry
standards but exceeds them. I am poised to embark on a career

where I can contribute to and thrive in the fast-paced world of Robotics and Embedded Systems.

Let's connect and explore opportunities to collaborate, innovate, and contribute to the exciting landscape of Electrical Engineering. Together, we can bring ideas to life and make a lasting impact on the future of technology.

Experience

Fiverr
Freelancer
November 2021 - Present (3 years 6 months)
Sindh, Pakistan

As an Embedded Systems Engineer, Robotics Specialist, and Electric Vehicle (EV) Advocate, I bring a blend of technical expertise and passion for innovation to every project. With a focus on IoT-enabled solutions, I have consistently demonstrated my ability to design, develop, and implement cutting-edge solutions that address real-world challenges.

Key Achievements

- Developed a customized robotic system for an automation company, achieving a 20% increase in production efficiency.
- Designed and implemented an IoT-based monitoring system for a smart grid project, enabling remote device management and reducing energy consumption by 15%.
- Played a pivotal role in the development of an EV charging station infrastructure, contributing to the adoption of eco-friendly transportation.

Freelancer Global Fleet
Freelancer Global Fleet: AI Training
June 2024 - November 2024 (6 months)

As an AI Trainer on the Freelancer Global Fleet AI Ratings Project, I played an instrumental role in improving language model accuracy . I was in Urdu workspace, where I conducted comprehensive assessments, rated AI outputs, and provided critical feedback to enhance the model's contextual understanding, accuracy, and relevance in Urdu.

Working on this project allowed me to leverage my expertise as a Training Specialist and AI Trainer to refine the performance of Large Language Models (LLMs) tailored for native Urdu speakers. I was responsible for analysing model behaviour, identifying areas for improvement, and implementing linguistic adjustments to improve overall AI engagement quality. My role also involved collaborating with AI engineers to ensure model adaptability and responsiveness, facilitating a more seamless user experience for Urdu-speaking users.

Through this project, I gained substantial experience with generative AI and deepened my understanding of AI-driven language training, quality control, and model refinement processes, contributing to the project's success in creating more accurate and culturally nuanced AI interactions for diverse global users.

Education

Sukkur IBA
Bachelor of Engineering - BE, Electrical and Electronics Engineering · (March 2021 - December 2024)