Zain Ahmed Samdani

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Awards & Honours

Microsoft World Champion
Imagine Cup **|** USA 22

Diana Award
Humanitarian Accolade **|** UK 22

Google Global Finalist
Science Fair **|** USA 16 & 19

Diamond Challenge
Social Innovation Award **|** USA 20

Technical skills

Robotics IOT Intermediate	**Python** Intermediate
Computer Vision Intermediate	**C/C++** Advanced
Autodesk Suite Advanced	**ROS** Intermediate
Microsoft Office Advanced	**MATLAB** Intermediate

Hobbies

Cinematography
Multimedia

Public Speaking
TED X | Google | IIIT

Languages

Urdu Bilingual	**Hindi** Native	**German** Limited proficiency
English Bilingual		**Arabic** Limited proficiency

Education

B.Sc. Robotics and Intelligent Systems | 2024
Jacobs/Constructor University - Bremen, Germany
Recipient of <u>Ronny Wells Scholarship</u>
Relevant Coursework: Robotics & Lab(ROS) , Computer Vision, Machine learning, Automation, A.I. Electric Engineering, Embedded Systems

Working Experience

Founder CEO | May 2019 – Present
ExoHeal - *Germany, India, Saudi Arabia*
- Designed, developed robotic exoskeletons that provided faster rehabilitation to 50+ post stroke patients with hand paralysis
- Spearheaded an international team of neuroscientists, physiotherapists, engineers and app developers
- Presented research and business model at Google, Microsoft and Nasa
- **Raised $100,000 from Microsoft**
- **Mentored by Satya Nadella, CEO, Microsoft**

Business Development Assistant | Oct 2022 – Present
WIOQnet GmbH (Start-Up) - *Bremen, Germany*
- Coordinated internal resources and generated corporate leads
- Conducted competitor analysis and analyzed market trends to identify USPs and find product-market fit
- Produced website content and managed web development efforts

Start-Up Internship | June 2022 – Aug 2022
J-Cub Start-Up Summer Incubator, Jacobs University - *Germany*
- Conceptualized german market entry strategies and developed business models for B2B and B2C Channels, understood legal landscape
- Arranged Investor meetings and drafted business case study
- Pitched at regional Startup events and won awards

App & Project Developer | Nov 2014 – Nov 2019
Make Real Inc. - *Riyadh, Kingdom of Saudi Arabia*
- Directed development of an automated robot inventory system to read and catalog old bank documents
- Led prototype development of a robotic prosthesis

Projects

Co-founder | CarbonDad | 2022 *Bremen, Germany*
Peer to peer accountability app to adopt carbon friendly habits
- Conducted market research and analyzed global trends for Climate change
- Conceptualized idea to MVP by identifying user psychology
- Achieved 90% User engagement through gamification and memification

Co-Founder | Nukleus | 2021 *Bremen, Germany*
Inverse-engineered social connections to develop a value-driven social media app and won hackathon, beating 50 other teams
- Researched social media trends to developed business models
- Co-ordinated team sessions, KPIs, boosting operating efficiency by 50%
- Lead a team of developers to build, test and launch beta app