Waris Hasan

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https://github.com/warishasan

Education

MASTER OF ENGINEERING STUDIES (MECHATRONICS)

STATUS	completed
DURATION	18 months (180 points)
GRADUATED IN	July 2019
INSTITUTE	University of Auckland (Auckland, New Zealand)
CGPA	7.750/9 (First Class Honours)

BACHELOR OF ENGINEERING (ELECTRICAL)

STATUS	completed
GRADUATED IN	January 2017
INSTITUTE	NED University of Engineering and Technology (Karachi, Pakistan)
CGPA	3.297/4

Current Work Positions

Technical Co-founder at Pryze

Starting Date: November 2023

• Play to Earn Gaming App

• Early stage startup

https://www.pryze.io/

CEO at Wasal - NFT Marketplace (Beta Launch)

Starting Date: Dec 2022

• NFT Marketplace for artists

• Curation Tools

• Deployed on Polygon

• Backend on AWS serverless

https://www.wasal.app/

Top Rated Freelancer at Upwork - Casual

Starting Date: Nov - 2021

• 100% completion rate

• Delivered several full-stack and blockchain applications

https://www.upwork.com/freelancers/~01021399818f1867bb

Past Experience

Project Manager and Lead Architect at Panacloud:

August 2020 - November 2023

• SAAS applications

- DApps
- Full-stack applications
- Integrate cloud services (AWS) with applications
- Induct weekly classes to teach latest technologies related to web development

https://www.panacloud.com/

Project Manager at Governor Sindh IT Program:

November 2022 - November 2023
- Affiliated with the Sindh Governor house
- Integral part of the management team
- Managing the development of software infrastructure (LMS & marketing systems)

https://www.governorsindh.com/ (starting soon, around half a million applicants have already applied)

Manager & Teacher at PIAIC (President's IT Program):

November 2022 - November 2023
- Affiliated with institutes all over the country
- Manage course content and teaching strategies
- Work with the research team to stay updated with the latest trends

https://www.piaic.org/

Research Assistant for an Autonomous Vehicle Start-up Company (Mar 2019 – Jan 2021)
- Development of a SLAM system using Optical, lidar and inertial sensors for a self-driving autonomous vehicle.
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Project Engineer at **LS Cables** (April-June 2017) – Karachi, Pakistan
- Managing cable laying projects.
- Management of labour.
- Making project schedules and maintaining documentation by collaborating with other teams.
- Keeping a record of inventory.
- Ensuring customer satisfaction.

Intern at **Procter and Gamble** (winter 2017) – Karachi, Pakistan

- Initiate projects to improve the efficiency of production.
- Study the feasibility of raw materials and find solutions.
- Categorizing business continuity plan critical equipment with a mitigation plan. • Implementation of ideas to improve the efficiency of production.
- Dealing with vendors and suppliers to carry out projects.

Postgraduate Research Projects

Published:

- Development of a Wearable Interface for the Control of Prosthetic Devices: This work was presented at IEEE-IROS 2019 held in Macau (China). This study has also been published in the journal 'RA-L IEEE'.
  - Paper Link: https://www.researchgate.net/publication/334058049_A_Soft_Exoglove_Equipped_with_a_Wearable_Muscle Machine_Interface_Based_on_Forcemyography_and_Electromyography
  - Video Link: https://www.youtube.com/watch?v=MnoGGzQirZM&feature=emb_title

- Learning to Identify Objects with a Single-Grasp using a Hyper-Adaptive Gripper and Image Analysis Techniques: This work was presented at IROS 202 held in Las Vegas (USA).
  - Paper Link: https://www.researchgate.net/publication/343361683_Model Free_Vision Based_Object_Identification_and_Contact_Force_Estimation_with_a_Hyper Adaptive_Robotic_Gripper/stats
  - Video Link: https://www.youtube.com/watch?v=kMOIAY4pauk