

# Usman Ghani Bawany

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## EDUCATION

### Institute of Business Administration (IBA) | CGPA: 3.59

Bachelor's in Computer Science – Final Semester

Dean's Honor List (all semesters till date)

Karachi/Pakistan

2020 – Present

### Alpha College – A Levels | 3A\* 1A

Subjects: Mathematics, Physics, Chemistry, Computer Science

100% Academic Scholarship, High Achiever Award

Karachi/Pakistan

2018 – 2020

## PROJECT

- **Final Year Project (G.U.A.R.D):** Engineered an autonomous custom-built drone using Pixhawk and leveraging ROS, machine learning for navigation, and real-time human detection in disasters, enhancing search and rescue efficiency.
- **Multi-Cloud Deployment using Terraform:** Successfully deployed a web application across AWS, Azure, and GCP, employing Terraform and Docker, demonstrating multi-cloud operational efficiencies and security benefits.
- **Thrift Store:** Developed a C2C marketplace app using MERN stack, integrating Twilio SendGrid for secure automated email authentication, facilitating the sale and purchase of used products, enhancing ecommerce accessibility.
- **Yoga Pose Classification using MoveNet:** Implemented a machine learning model utilizing TensorFlow for yoga pose classification, by using MoveNet and then training my own Neural Network from its result achieving enhanced accuracy.
- **Social Champs Dashboard and EDA:** Designed a dashboard on Power BI, encompassing data cleaning, multivariate analysis, and visualization for strategic sales and customer insights based on geographic and categorical features for better decision making.
- **Profit Maximization using Neural Network:** Trained a neural network to optimize pricing strategies, enhancing profit margins through data analysis using statistical charts and predictive modeling with high accuracy.

## EXPERIENCE

### ZM Converters Pvt Ltd. | Business Development Executive

Company manufacturing all sorts of flexible packaging bags, pouches, and films.

Karachi/Pakistan

Jun 2023 – Present

- Led the company's first ever exhibition in the 15<sup>th</sup> International Exhibition and Conference in Karachi, 2023.
- Responsible for leading the company's digital branding campaign including building a website, profile, and brand video.
- Drove R&D and utilized analytics to identify and rectify operational inefficiencies, resulting in reduction of printing costs by 15%.

### ZM Converters Pvt Ltd. | Business Systems Analyst (ERP)

Mar 2020 – Jun 2023

- Implemented ERP system through stakeholder collaboration, ensuring the software met strategic objectives.
- Crafted and deployed the corporate website employing HTML, CSS, and Bootstrap, achieving an 300% increase in digital presence and sales through targeted SEO strategies.

### Sadiq.ai | Front End Developer – Intern

An Ecommerce Startup aiming to revolutionize the user experience

Karachi/Pakistan

May 2023 – Jul 2023

- Developed a game-based onboarding platform for Pureversity using NextJS, enhancing user experience for Gaditek's project.
- Optimized app performance for reduced memory and bandwidth use, improving efficiency and decreasing cloud expenses.

### Uplift Pakistan | Founder

A welfare organization aimed at uplifting the underprivileged sector of Pakistan

Karachi/Pakistan

May 2020 – Present

- Striving to eliminate hunger in underprivileged areas through monthly food drives, as well as plantation drives.
- Empowered women's economic independence by providing entrepreneurial skills, nurturing community development.

## CERTIFICATES AND ACHIEVEMENTS

- Regional Finalist at ICPC (International Collegiate Programming Competition) GIKI (2023 & 2022).
- Chief Executive Officer of IBA Iqra Society (2023 – 2024) and Event Head of Enigma (2022).
- Diploma in Taxation (6 months program), IBA (2022).
- Aalim Islamic Course (8-year) (2022 – Present).
- IELTS Academic (British Council) – 8.0 Overall.

## SKILLS

NodeJs | React | PowerBI | ERP | Python | Vision | AI | NextJS | Mongo | ROS | AWS | Terraform | Docker | SEO | Analytics | Java | HTML | CSS | Robotics | Neural Networks | Digital Marketing | Tableau | Kubernetes | Leadership | Team Building | Communication