

## Uzair Bin Yousaf

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### Executive Summary

BS Computer Engineering graduate from **National University of Sciences & Technology (NUST)** with specialization in **Software Design & Testing**. 3 years of programming/technology experience both professionally and at a student level. Passionate in **Full Stack Web Development, Web Testing, Software Quality Assurance, Software Quality Control, Manual & Automation Testing & Network Engineering**.

### Skills

- **Experience** in software development and worked on multiple projects (**Frontend & Backend, Python, Java, C++**).
- Experience in both **Manual & Automation Software Testing**.
- Hands-on experience with development frameworks including **.NET / ASP.NET / Django / Spring / Spring Boot / Bootstrap 5 / Maven / jQuery / Angular.js / Express.js / React.js**.
- Additional knowledge of **Vue.js / Next.js / MySQL / PostgreSQL / NoSQL / JDBC / Firebase**.
- Hands-on experience with testing tools including **Selenium / JUnit / JIRA**.
- Knowledge of various testing methods like **Agile / Integration / Smoke / Unit Testing**.
- Hands-on experience with Linux as a **Server Administrator**.
- Knowledge of **GitHub, GitLab & Git**.
- Knowledge of programming languages including **C++ / C# / Python / Java / HTML / CSS / JavaScript / TypeScript**.

### Certifications & Training

- Software Design & Testing  
*National University of Sciences & Technology*
- DeepLearning.AI TensorFlow developer  
*DeepLearning.AI*
- Web Development Bootcamp 2021  
*udemy.com*
- Software Testing  
*edureka.com*
- IBM Full Stack Developer  
*ibm.com*

### Work Experience

- **Junior Software Developer**  
*NavCorp Pvt Ltd, Lahore, Pakistan*  
Development of programs/software involving Computer Vision, Machine Learning and Signal Processing.

- **Computer Vision & IoT Intern**  
*The Sparks Foundation, Singapore*  
Tasks related to implementing Machine & Deep Learning Algorithms to solve Computer Vision problems.  
Implement Deep Learning Algorithms on embedded computers to solve IoT related problems.
- **Web Developer**  
*Deedar-e-Rehmat International Travels & Tours (PVT.) Limited, Rawalpindi*  
Built a company website using MEAN Stack technologies.

### Projects & Accomplishments

- ActiveDrive™ Driver Drowsiness Detection System. *(final year project)*
- Built a website for Deedar-E-Rehmat using MEAN Stack technologies
- Built an Automobile Trading Website using jQuery, PHP, MySQL.
- Built a Student Management System using Java Spring.
- Built an Ecommerce website using ASP.NET MVC.
- Performed ALPHA/BETA testing for Battlefield 1.
- Performed Unit Testing on self-designed TAXI app.
- Self-Driving Car powered by Deep Learning using Python.
- AI-powered Voice Assistant using Python.
- Social Distancing Violation Detection System using Python.

### Education

- **BSc. Computer Engineering**  
College of Electrical & Mechanical Engineering *(July, 2021)*  
CGPA: 3.24  
Worked on multiple projects involving C++, Python, Blender, 3Ds Max, Unreal Engine & Linux
- **FSc. Pre-Engineering**  
Army Public School & College Fort Road *(August, 2017)*  
Graduated with 850/1100 (77.27%) marks.  
Elected Class Monitor for 2 years for excellent class leadership.
- **SSC. Pre-Medical**  
SLS Montessori & High School *(March, 2015)*  
Elected Class Monitor for 9 years for excellent class leadership.  
Finished Matriculation with 897/1050 (85.42%) marks.

### Hobbies/Interests:

- Gaming
- Tech News
- Gaming News
- World of Entertainment