

Muhammad Sajid

Computer Science Student

I'm a Computer Science student at Namal University with a strong foundation in software engineering and hands-on experience in full-stack web development and Python programming. I have a passion for building user-centric, scalable applications for both web and mobile. With experience spanning in full-stack development, I thrive in collaborative environments where innovation and problem-solving are key. Eager to continuously learn and grow, I'm driven to contribute meaningfully to impactful tech solutions and make a difference in the industry.

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EDUCATION

Bachelor of Computer Science Namal University, Mianwali

11/2021 - Present

Courses

- OOP
- Database
- Data Structure
- Analysis of Algorithm
- Machine Learning
- Artificial Intelligence
- Data Analysis
- Software engineering
- Web Application Devp.
- Cloud Computing

SKILLS



PERSONAL PROJECTS

Farmer-to-Farmer Knowledge Sharing Mobile App (FYP)

- **Industrial Partner: NETSOL, NAMAL Agri-tech**
- Developed an innovative mobile application using **React Native**, **Firebase**, and **Node.js** to empower farmers through a smart Agri-tech community platform featuring real-time AI chatbot support, discussion forums, and one-to-one chat functionality.
- Implemented a proactive notification system to alert farmers about potential regional crop diseases, enhancing preparedness and agricultural decision-making.

Fresh Mart (MERN Stack based Web Application)

- Developed a responsive e-commerce web application using the **MERN stack**, featuring secure **role-based access control (RBAC)** for owners, buyers, and admins.

URDU OCR (Character recognition)

- Created a custom dataset of **~52,000** handwritten Urdu word samples and developed a hybrid **CNN-LSTM** model using **Python**, **TensorFlow**, and PyTorch to enhance regional language text recognition.

WORK EXPERIENCE

Freelancing

Fiverr (Level-1 Seller)

01/2023 - Present

Achievements/Tasks

- Delivered freelance services in Python debugging and troubleshooting, resolving critical issues in existing codebases for clients.
- Developed and deployed full-stack web applications using Flask and Django, tailored to client-specific requirements.
- Collaborated with international clients, managing end-to-end development—from backend logic to front end integration and deployment.

ACHIEVEMENTS

4th position in Namal Coding Competition (2023)

Secured 4th position in NAMAL Coding Competition by independently solving time-bound challenges in OOP, data structures, and algorithms, showcasing strong problem-solving skills under pressure..

Codex Web development Competition (2024)

Participated in the Codex Web Development Competition, building a responsive, feature-rich web application within a limited timeframe. Demonstrated skills in frontend/backend integration, UI/UX design, and effective team collaboration.

LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

