# MUHAMMAD FAISAL

## Software Engineer

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○ https://github.com/m-faisal930

## OBJECTIVE

Software Engineer with expertise in full-stack development (React.js, Node.js, Python) and AI/ML (OpenCV, NLP). Passionate about building scalable applications and solving real-world problems. Seeking a junior developer role in a dynamic environment to leverage my skills in software engineering, cloud computing, and Agile methodologies.

## EXPERIENCE

### Darson Industries (Full Stack Developer Intern)

📅 Aug 2023 – Oct 2023      ● Wazirabad, Punjab

- Built and deployed secure **full-stack applications** with **real-time chat**, **JWT authentication**, and **RESTful APIs**, optimizing **database performance** using **indexing strategies**. Utilized **Azure** and **CI/CD pipelines** for deployment, and achieved **99.9% uptime**.
- Collaborated in **Agile teams**, designed **scalable ERDs**, and **adapted** quickly to deliver projects efficiently.

### C.E.S.D (Web Developer Intern)

📅 June 2022 – Aug 2022      ● Namal University

- Contributed to a **full-stack project** in a team of **10+ individuals**. Handled the **authentication**, **secure payment integration**, and **cart functionality**, while assisting teammates with technical issues and learning from the team lead.
- Optimized **front-end performance** using **React.js**, enhanced **User experience** by **20%** and fulfilled the project **deadlines**.

## PROJECTS

### Parho Pakistan (FYP)      ○ Github

- Engineered a **MERN stack platform** for student sponsorship, **real-time analytics**, and a **personalized recommendation system** using **Machine Learning**.
- Implemented **role-based access control** & **data-driven dashboards**
- Tech Stack: **Mern Stack, JWT, Stripe, REST APIs, Python (ML)**.

### StartupSprint (Hackathon Project)      ○ Github

- Led a team of **3 individuals** to design and deploy a **scalable social media platform** for startups and investors, featuring **real-time chat** via **Socket.io** and **user authentication**.
- Tech Stack: **MERN Stack, Framer Motion, AI chatbot, Socket.io**.

### Flexisports (Freelance)      ○ Github

- Led a team of **2 developers** to build a **responsive e-commerce site** for a sports clothing business, featuring **secure role-based access**, **optimized UX**, and a streamlined checkout process, improving efficiency by **40%**.
- Tech Stack: **PHP, MySQL, JavaScript, Bootstrap**.

### RankIT - Search Engine (Semester Project)      ○ Github

- Built an **AI-powered search engine** using **Django**, featuring **web crawling** and **NLP-based ranking** for **faster query processing**.
- Tech Stack: **Django, Python (NLP), MySQL, BeautifulSoup**.

### Face Recognition Time Tracking (Freelance)      ○ Github

- Developed an **AI-driven attendance system** using **OpenCV** and **Django**, achieving **98% accuracy** in real-time facial recognition, automating time logging and reducing manual errors by 80%.
- Designed a scalable backend with **MySQL** to handle large datasets and ensure efficient data retrieval.
- Tech Stack: **Django, MySQL, OpenCV, Python (AI/ML)**.

## EDUCATION

### BS Computer Science - 3.43 CGPA

**Namal University Mianwali**

📅 Nov 2021 – Jul 2025 (Expected)

## ACHIEVEMENTS

- 🏆 **Runner-up – LUMS PSIFI-HackX'24:** Secured 2nd place among **50 Teams** in a national-level full-stack web hackathon.
- 🏆 **3rd Place – Decentral Developer Full-Stack Hackathon:** Ranked 3rd in a high-profile **full-stack Hackathon** with participants from top universities.

## SKILLS

- **Frontend:** JavaScript (ES6+), React.js, Redux, AngularJS, Tailwind CSS, Bootstrap, Framer Motion
- **Backend:** Node.js, Express.js, Django, Flask, RESTful APIs, GraphQL, Microservices, Web-Sockets
- **Database:** PostgreSQL, MongoDB, Firebase
- **DevOps & Cloud:** AWS (EC2, S3), Azure, Docker, Kubernetes, CI/CD
- **Software Development:** Agile, SDLC, OOP, MVC Architecture
- **AI & ML:** Python, OpenCV, NLP, LLM, Prompt Engineering
- **Soft Skills:** Leadership, Adaptability, Team Collaboration, Time Management

## HACKATHONS & CERTIFICATIONS

- **LUMS PSIFI-HackX'24** – Runner-Up in a national level Full-Stack **Web Hackathon**.
- **Devsinc Full-Stack Hackathon (2024)** – Built a high-performance web app in **Pakistan's largest hackathon**.
- **VisioSpark (Comsats Wah)** – Competed in a **Web Development Hackathon**.
- **PyCon 2024 (LUMS)** – Attended a 2-day **Python tech conference**.
- **Tech Fusion 1.0 Series Participation** - Completed Tech Fusion 1.0 Series by Career Connect Society, mastering **MERN Stack, Generative AI, and Modern UI** Development.