

# Hafza Pervez

Hafsapervez203@gmail.com | (+92) 3414234286

 [www.github.com/Hafsapervez/](https://github.com/Hafsapervez/)

 [linkedin.com/in/hafsa-pervez-3210402a6](https://www.linkedin.com/in/hafsa-pervez-3210402a6)

 <https://my-porfolio-1h5f20da8-hafsa-pervezs-projects.vercel.app/>

## OBJECTIVE

---

Fresh Software Engineering graduate and passionate about developing Full Stack Web Applications from design to deployment. Skilled in React, Node.js, Express, MongoDB, Tailwind CSS, and Figma, with a strong focus on accessibility, scalability, and real-world problem-solving. Built diverse projects, from an AI-powered Fake News Detection System to a feature-rich Food Delivery App with payment integration, order tracking, and multi-restaurant support. Strong command of the complete workflow — from wire framing in Figma to deploying production-ready applications.

## SKILL SET

---

### TECHNICAL SKILLS

Programming: Python, C++, Java  
Frontend: React.js, HTML, CSS, JavaScript, Tailwind CSS, Bootstrap  
Backend: Node.js, Express.js, FastAPI  
Deployment: Render, vercel, git hub pages  
Database: MongoDB, MySQL  
Tools: Git, GitHub, VS Code, Render  
Software: Figma, UML, API Architecture, System Design  
Other: Machine Learning, NLP

### SOFT SKILLS

Communication | Problem-Solving | Teamwork and Collaboration | Time Management | Adaptability | Critical Thinking

## EXPERIENCE

---

DevRex Technologies - Remote internship  
Machine Learning Intern | Sep 2024 – Nov 2024

Completed a remote Machine Learning internship at DevRex Technologies, gaining hands-on experience in Python programming, logic building, Natural Language Processing (NLP), and Scikit-learn. Worked on practical ML projects, strengthening skills in data preprocessing, model training, and evaluation, while developing a deeper understanding of AI workflows and problem-solving techniques.

## PROJECTS

---

### Food Delivery App – Full Stack Developer

React, Node.js, Express, MongoDB, Stripe API, Tailwind CSS

- Developed full-stack application with payment integration, order tracking, and multi-restaurant support.
- Used React, Node.js, Express.js, and MongoDB for seamless front-to-back operations.
- Implemented responsive UI with Tailwind CSS and Figma.

### Fake News Detection System (Final Year Project) –Backend Developer

Python, FastAPI, Machine Learning, NLP, RAG, REST API

- AI-powered fake news detection system that combines a AI trained model with Retrieval-Augmented Generation (RAG).
- Analyze news content with 92% accuracy, provide a confidence score, and reference credible sources, seamlessly integrated with a FastAPI backend and React dashboard for real-time analysis and reporting.

## Portfolio Website – Frontend Developer

React, Tailwind CSS

- Designed and developed a personal portfolio website using React and Tailwind CSS.
- Showcased multiple projects with live demo and GitHub links.
- Implemented smooth animations, responsive design, and clean navigation for a professional presentation.

## News API Website – Frontend Developer

React, News API, tailwind CSS

- Built a responsive news platform using React and integrated News API.
- Implemented category-based filtering, loading bars, and API data rendering.

## TextUtils Tool – Frontend Developer

React, News API, Tailwind CSS

- Built a Functional text manipulation web app with 5 utilities also Include Text Summary that contain Characters count, word count and Reading Time.
- Optimized performance to handle 10,000+ characters seamlessly with dark and light mode.

## EDUCATION

---

Bachelors of Science in Software Engineering – Hazara University, Mansehra

2021 – 2025 | CGPA: 3.91/4.0 | 4th Position in Batch

Intermediate (Pre-Engineering) – Govt. Girls Post Graduate College No. 1 Abbottabad

2017 – 2019 | 64%

Matriculation (Biology) – Mangle Public School, Abbottabad

2016 – 2018 | 73%

## CERTIFICATES

---

Machine Learning Internship – Devrex Technologies

Google Project Management – Coursera

Google UX Design – Coursera

## ACHIEVEMENTS

---

- 4th position in university batch.
- Selected as Head Girl in college for leadership abilities

## LANGUAGES

---

- Mother Tongue: Hindko
- Other Languages: Urdu | English

## HOBBIES

---

- Exploring Social Media & Trends – Staying updated with emerging technologies and industry innovations.
- Research & Innovation – Investigating new technologies, AI advancements, and cybersecurity trends to drive innovation.