

# Chand Zaib

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## EDUCATION

### National University of Modern Languages

*Bachelor of Science in Computer Science*

Rawalpindi, Pakistan

2022 – 2026

## TECHNICAL SKILLS

**Programming Languages:** C++, Java, JavaScript, PHP, Python, C#, Flutter, SQL

**Frameworks:** .NET, ReactJS, React Native, WordPress, FastAPI, Django

**Databases:** MySQL, MongoDB, Firebase, Supabase

**Tools:** VS Code, Visual Studio, Oracle, XAMPP, Excel, Tableau, Microsoft Power BI, GitHub

## EXPERIENCE

### Freelance Web Developer and Data Scientist

*Self-Employed*

Rawalpindi, Pakistan

2022 – Present

- Delivered web development and data science solutions to clients across various industries
- Developed responsive web applications using ReactJS, React Native, and modern frameworks
- Implemented data analysis and visualization projects using Python, Tableau, and Power BI

## PROJECTS

### Secure Gallery Application

Final Year Project

*Technologies: Python, FastAPI, React, Machine Learning, Cryptography*

- Developed comprehensive secure gallery application with multiple security features and encryption
- Implemented duplicate image detection algorithm for storage optimization
- Built and trained face recognition model for automated photo organization using deep learning
- Trained voice recognition model for voice-based authentication and commands
- Designed encrypted vault system with AES encryption and decryption for secure data storage
- Created secure image upload mechanism with end-to-end encryption
- Integrated FastAPI backend for efficient API handling and machine learning model serving

### Web Development Portfolio

Personal Projects

*Technologies: HTML, CSS, JavaScript, ReactJS, React Native, Flutter*

- Portfolio Website: Interactive personal portfolio with routing and modern UI design
- Currency Exchanger: Real-time currency conversion application built with ReactJS
- Password Generator: Secure password generation tool with customizable parameters (ReactJS)
- Expense Tracker App: Mobile expense tracking application developed with React Native
- Attendance Tracker: Cross-platform attendance management system built with Flutter
- All projects available on GitHub with complete documentation and source code

## ADDITIONAL SKILLS

**Languages:** English (Fluent), Urdu (Native), Punjabi (Native)

**Communication:** Experienced in public speaking and presentations, comfortable presenting to audiences