

# SUMAIR ALI

## FULL STACK DEVELOPER

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### OBJECTIVE

Software Developer with hands-on experience in Python, Django, PHP, and Laravel, along with practical exposure to full-stack development, Machine Learning, and AI. Seeking to contribute to building secure, scalable, and database-driven applications

### TECHNICAL SKILLS

**Frontend** | React.js | **Backend** | Python, Django, Laravel, PHP | **Machine Learning** | ML, Rasa Chatbot, NumPy, Pandas, Scikit-learn | **Database** | MySQL, PostgreSQL | **Tools** | Git, Postman

### EXPERIENCE

#### **Software Development Intern— Builtinsoft (July 2025 – December 2025)**

- Gained hands-on experience with Python, Django, and basic Machine Learning concepts
- Developed a Rasa-based AI chatbot to handle user interactions and booking-related workflows
- Built a Fraud Detection System using machine learning techniques
- Worked with React.js for frontend development and integration
- Learned real-world development workflows and improved problem-solving and teamwork skills

#### **Software Developer — Builtinsoft (Jan 2026 – Present)**

- Developing and maintaining web applications using Python (Django) and PHP
- Handling backend development, REST API design, and integration
- Building and managing database-driven systems for business and e-commerce applications
- Collaborating with team members to deliver secure, scalable, and performance-optimized solutions

### PROJECTS

#### **E-Commerce Web Application**

Developed a full-stack e-commerce platform using Python, Django, and React.js

Implemented user authentication, product management, shopping cart, and order processing

Built REST APIs and database models with secure, scalable backend and smooth frontend integration

#### **AI Chatbot using Rasa**

Developed an AI-powered chatbot using Rasa for booking, payments, order management, and FAQs

Integrated backend APIs to handle real-time data updates for each user action

Designed intents, entities, stories, and custom actions for smooth conversational flow

#### **Fraud Detection System**

Developed a machine learning system to detect and prevent fraudulent transactions

Performed data preprocessing, feature engineering, and model training for accurate predictions

Integrated with backend processes to monitor real-time transactions and improve security

#### **PlantGuard AI – Plant Disease Detection System**

Developed a web app using TensorFlow/Keras for plant disease detection from leaf images

Implemented two-stage detection, treatment recommendations, and a user dashboard

Built FastAPI backend with SQLite, secure authentication, and integrated AI/ML models

## **Course Allocation System**

Developed a full-stack app using React.js frontend and Django REST backend for managing teacher-course schedules

Implemented automated scheduling, teacher/course management, and a dashboard with statistics

Enabled exporting schedules to Excel/PDF and persisted data in PostgreSQL

## **Food Detection and Nutrients Analysis**

Built a web app using YOLOv8 and custom CNN to detect food items and analyze nutritional content

Integrated backend to process images and return calorie and nutrient information to users

Enabled real-time dietary insights through AI-based classification

### **CERTIFICATION**

**NAVTTC Pakistan** (Advanced Python Programming)

### **EDUCATION**

#### **Bachelor's in Computer Science 2021 – 2025**

Khwaja Fareed University of Information and Technology

#### **Intermediate (ICS)**

**2020– 2021**

NICAAS College