M. Mudassar Hussain



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SUMMARY

Full-stack developer with hands-on experience building production-level web and mobile applications, including paid freelance, FYP, and industrial projects. Skilled in React, Next.js, Django, FastAPI, and Firebase, with growing expertise in AI systems (RAG, LLMs) and digital forensics. Experienced in working with local and international clients from end-to-end development through deployment.

PROFESSIONAL EXPERIENCE

Intern - Digital Forensics & AI
National Cyber Security Academy (NCSA), NCCS, Air University | 2025 | Completed | Islamabad, Pakistan

- Completed internship in digital forensics with hands-on training at the National Cyber Security Academy
- Attended Digital Forensics Workshop covering evidence collection, analysis & reporting
- Developing a disk forensics tool integrating AI/ML for digital evidence analysis RAG-based intelligent querying using React.js, FastAPI, MongoDB, and LLMS

Web Development Intern
Ideation | May - June 2025 | Pakistan

- Contributed to full-stack React + Firebase web applications
- Implemented UI components and collaborated with the development team

INDUSTRIAL PROJECTS

Army School Website
- Full-featured Army school website with admin panel and content management system
- Developed responsive frontend and structured content pages (portfolio, history, etc.)
- Next.js (Frontend), Django (Backend)
- Live: https://staging.codecursors.site/

ArkDeGlory
- Full-featured Hotel Management System with admin panel, CMS, booking management, billing, inventory, and reporting.
- Developed responsive frontend, secure backend APIs, and role-based dashboards for administrators, staff, and guests.
- Next.js (Frontend), Django (Backend), PostgreSQL
- Live: https://arkdeglory.com/

Novis
- Developed multiple UI pages and implemented a multi-language translation system
- Improved user accessibility for international audience
- React.js

JetSeeker
- Smart travel platform with flight & hotel booking and budget package recommendations
- Integrated data-driven insights using Python analytics
- React.js, Firebase, Python

Car Care Connect
- Mobile application to find nearby mechanics and towing services
- Enabled real-time service discovery and user interaction
- Flutter, Firebase

TECHNICAL SKILLS

Html | Tailwind css | C++
React Js | Next JS | React Native
MongoDB | Python | Django
Firebase | Postgres DB | C#

EDUCATION

Bachelor of Computer Science
Air University E9 campus Islamabad, Pakistan
CGPA 3.1/4
2023-2027 Islamabad, Pakistan

OTHER PROJECTS

- BudgetBliss Events (Paid FYP Project)
- Mini Helper (Digital Forensics Project)
- YouTube Summarizer
- BookPlayground
- Key & Mouse Activity Tracker : Assembly
- RFID Attendance System : ESP32 & Firebase
- Real-time Chat Application : React Native & Firebase
- Gym Pro : Next.js & Firebase

FYP PROJECT

NeuroVision Forensics Suite (FYP Ongoing)
- AI-powered CCTV surveillance and digital forensics platform.
- Implemented weapon detection, violence detection, facial recognition, and AI video search.
- Built a real-time dashboard with automated alerts and forensic event management

STRENGTH

- Problem Solving
- Full-Stack Architecture
- Client Communication
- End-to-End Project Delivery

OTHER SKILLS

- Assembly (MASM)
- Arduino / ESP32
- Git / GitHub
- Image processing
- Data Processing
- Simple Model Training
- LLMs & RAG systems
- Agentic AI