

SAAD REHMAN

Full Stack Developer, Data Scientist, Passionate Developer

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Date of birth 21/11/2000 Nationality Pakistani

LINKS

[Linkedin](#), [GitHub](#), [Portfolio](#)

PROFILE

Dynamic Full Stack Developer with a passion for data-driven solutions. Skilled in crafting innovative web applications and deriving actionable insights from data. Achievements include developing impactful projects like an Instagram Clone and implementing predictive models for business optimization. With strong problem-solving abilities and a commitment to excellence, I excel at delivering results at the intersection of development and data science.

EXPERIENCE AND PROJECTS

❖ **Freelancer** Mar 2020 Remote

As a freelancer since 2020, I've tackled diverse projects covering MERN stack development, machine learning, and data science. Proficient in web development technologies like MongoDB, Express.js, React.js, and Node.js, alongside expertise in AI, deep learning, and TensorFlow. Additionally, I possess a solid foundation in programming fundamentals, OOP, data structures, algorithms, and other key computer science subjects.

❖ **Development, Web Developer** Apr 2022 — Aug 2022 Remote

Developed a React.js-based website for a client providing online driving tests, ensuring a seamless user experience. The platform meets client specifications and exceeds user expectations, showcasing expertise in web development.

❖ **Online Store for Smartphones, University Project** Feb 2024 — Jun 2024 FAST-NUCES

Developed as a university project, the "Online Store for Smartphones" is a dynamic platform built with React.js and Next.js, backed by a MySQL database. This user-friendly website enables seamless browsing and purchasing of smartphones. The project highlights my adeptness in web development technologies and my ability to deliver innovative solutions tailored to project specifications.

❖ **Fight Detection System using TensorFlow Object Detection, GrowIntern** Apr 2023 — Aug 2023 Internship

Implemented a Fight Detection System using TensorFlow Object Detection, utilizing a pre-trained EfficientDet model. The Python application features a Tkinter interface for easy video selection and initiation of the detection process. Upon detection, visual notifications and alarm sounds alert users to potential fights in videos, enhancing security measures.

EDUCATION

❖ **Fast-National University of Computer and Emerging Science** Sep 2021 — May 2025

Bachelor of Science in Computer Science

In my Bachelor of Science program, I've developed strong skills in programming, algorithms, and data structures, alongside improving teamwork and communication abilities. With these skills, I'm ready to thrive in technology and drive innovation passionately.

❖ Adam Jee Govt. Science College Aug 2019 — Apr 2021

Intermediate-Pre Engineering

I attended Adam Jee Govt. Science College for my Intermediate education, specializing in Pre-Engineering. During this time, I gained a strong foundation in science and mathematics, laying the groundwork for my academic journey in computer science.

SKILLS

HTML/CSS/JavaScript	React
C/C++	jQuery
Matlab	HTML
Git	HTML & CSS
R	MySQL
Linux	CSS
Machine Learning	JavaScript
TypeScript	C++
Angular	Java
CSS3	SQL
HTML5	Python
MongoDB	Data Analysis
Bootstrap	Data Science
Node.js	C# .NET

LANGUAGES

English	Urdu
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COURSES

❖ Frontend Developer (React) Jan 2024

HackerRank

❖ SQL(Advance) Feb 2024

HackerRank

❖ Data Science Nov 2023

CodSoft

❖ SQL (Intermediate) Jan 2024

HackerRank

INTERNSHIPS

❖ Data Science, CodSoft Nov 2023

During the DATA SCIENCE internship at CODSOFT, various projects were undertaken focusing on predictive modeling and machine learning. Tasks included Titanic Survival Prediction, Movie Rating Prediction with Python,

Iris Flower Classification, Sales Prediction using Python, and Credit Card Fraud Detection. These projects contributed to honing skills in data analysis, machine learning algorithms, and model deployment.

❖ **Data Science, GrowIntern** Feb 2024

During my DATA SCIENCE internship at GrowIntern, I worked on the following projects:

- 1. **Movie Recommendation System:** Developed a recommendation system that provides personalized movie suggestions to users based on their preferences and browsing history.
- 2. **Gender and Age Detection:** Created a system capable of analyzing a person's photograph to determine their gender and age.

REFERENCES

❖ **Ammar Khawar**
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❖ **Sarmad Idrees**
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❖ **Hammad Ghuman**
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