

# Saboor Samad

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## Professional Summary

Accomplished full-stack developer with professional experience exceeding one year, an Information Technology graduate, and knowledge in datascience and machine learning. Strong proficiency in building scalable applications with the MERN stack trained on model development in Python.

Working as a data scientist while combining it with software engineering. Noted for writing high-quality code, and maintainable code. Eager to improve skills and work in a collaborative and high-impact teams.

## Professional Experience

### Software Engineer Intern

Codistan Ventures Pvt Ltd, Islamabad

Jul 2024 – Sep 2024

- Created and delivered dynamic internal/external web applications based on the MERN stack.
- Designed and built from the ground up the company's main portfolio site.
- Integrated RESTful APIs and built secure user authentication flows.
- Collaborated cross-functionally during Agile sprints using Git and Jira workflows.
- Refined React UI components with Material UI, simplifying UI design.

### AI Quiz Web App (Final Year Project)

QuizCraft — MERN Stack + OpenAI API

2024 – 2025

- Developed a quiz platform that uses AI to generate questions from documents, Youtube videos, and text alone.
- Built analytics and scoring modules for real-time student tracking and performance.
- Used the OpenAI API to understand the semantics of text and create responses.
- Used Material UI to ensure responsive UX for desktop and mobile users.

### Data Science Practice (Academic)

Hands-on academic training in machine learning and analytics

2023 – 2024

- Performed data preprocessing, visualization, and feature engineering.
- Developed machine learning predictive models with Scikit-learn and TensorFlow (classification/regression).
- Validated models with statistical metrics, optimized pipelines with cross-validation.

## Technical Skills

**Languages:** JavaScript, Python, HTML, CSS, Dart

**Web Development:** React.js, Node.js, Express.js, MongoDB (MERN)

**Mobile Development:** Flutter

**Data Science:** NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib, Seaborn

**Tools/Platforms:** Git, Firebase, Postman, Jupyter Notebook, VS Code

**UI/UX:** Material UI, Responsive Design, Cross-browser Compatibility

## Education

### BS in Information Technology

Bahria University, Islamabad

2021 – 2025

Emphasis on software engineering, AI, data science, and full-stack development. Key coursework includes Web Engineering, Mobile App Development, AI, and Network Security.

### Intermediate in Computer Science (ICS)

IMCB F-8/4, Islamabad

2019 – 2021

Built strong fundamentals in logic building, mathematics, and basic programming.

## Certifications

### React Basics – Coursera

Covered JSX, component-based architecture, state management, and React Hooks.

Sep 2023