MOHAMMED SAAD FAZAL

Aspiring Software Engineer

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Profile

I am an aspiring Software Engineer with a passion for Artificial Intelligence, data-driven analytics, and cutting-edge technologies. My academic background and practical experience in machine learning, cloud computing, and full-stack development prepare me to contribute to innovative AI solutions. Having completed AWS Academy Cloud Foundations, I bring a strong foundation in modern software engineering practices.

Internship Experience

Data Science Intern *CodeClause*   **Bengaluru, India** *October 2024 - November 2024*

- Completed an internship at CodeClause, gaining hands-on experience in Python and machine learning.
- Preprocessed and cleaned real-world datasets for machine learning projects.
- Implemented and evaluated machine learning models using Python libraries like scikit-learn or TensorFlow.
- Analyzed model performance metrics to understand strengths and weaknesses.

Web Developer Intern *addiTLabs*   **Bengaluru, India** *August 2023 - September 2023*

- Designed and developed responsive, user-friendly websites using HTML, CSS, JavaScript, and React.js.
- Gained hands-on experience in modern web development practices and problem-solving.
- Tech Stack: ReactJs, HTML, CSS, Figma, Rest API, Postman, MUI React Router.

Education

Bachelor of Technology in Computer Science *Dayananda Sagar University*   **Bengaluru, India** *2021-2025*

- **Core Computer Science and Engineering:** Data Structures, Software Engineering and Project Management, DBMS, OOPS, Computational Thinking with Python
- **Data Science and Machine Learning:** Machine Learning, Statistical Tools and Techniques of Data Science, Machine Learning for Healthcare, Probability and Statistics, Programming Using R
- **Full Stack and Cloud Development:** Full Stack Development, Amazon Web Services (AWS), Cloud Computing

12th - **PCMCs, CBSE** *The Oxford Senior Secondary School*   **Bengaluru, India** *2020-2021*

10th - **CBSE** *International Indian School Dammam*   **Ad Dammam, Saudi Arabia** *2018-2019*

Projects

- **Customer Lifetime Value Prediction**
  Developed a machine learning model to predict Customer Lifetime Value, enabling businesses to estimate future revenues. Utilized Python, Scikit-learn, and Pandas for feature engineering, regression analysis, and data visualization.

- **Housing Price Prediction**
  Created a system to analyze housing market trends and predict prices using Python-based ML algorithms. Achieved 93% accuracy, demonstrating proficiency in regression modeling and exploratory data analysis.

- **Student Exam Marks Indicator Prediction**
  Designed a model to predict student exam performance using academic and demographic factors.
  Applied data preprocessing, classification techniques, and visualization for insights.

Certifications

AWS Academy Graduate - AWS Cloud Foundations - [AWS](AWS)

Microsoft Power BI Desktop for Business Intelligence - Udemy

Docker Essentials: A Developer Introduction - IBM Skills Network

Statistics for R Programming - Infosys Springboard

Skills

- **Programming, Frameworks and Database Management:** C, Python, Java(Elementary), JavaScript, Dart, Shell Script, SQL, MySQL, Flask, Node.js, React.js, React Router, App Router, MongoDB
- **Frontend Development and UI Design:** HTML5, CSS3, Bootstrap, Tailwind CSS, MUI, Flexbox, Flutter, Figma, Canva
- **Tools and Platforms:** Git, GitHub Pages, Postman, Netlify, Windows Terminal, PowerShell, Filmora, Adobe Photoshop
- **Operating Systems and Infrastructure:** Linux, Arduino
- **Deployment, Cloud, and Version Control:** Amazon Web Services (AWS), NPM
- **Data Analytics & Visualization:** Pandas, NumPy, Power BI
- **AI and Machine Learning:** TensorFlow, Scikit-learn, Keras
- **Soft Skills:** Excellent problem-solving abilities, strong analytical thinking, and communication skills.

Languages

English [Fluent]   **Hindi/Urdu** [Native]   **Arabic** [Elementary]