

# Ahmed Khawar

Al-Khobar Ash Shamaliya , KSA(willing to relocate)

LinkedIn: <https://www.linkedin.com/in/ahmed-k-b44781128>

Portfolio: <https://ahmedkhawar.netlify.app/>

Email: [ahmedkhawarbs@gmail.com](mailto:ahmedkhawarbs@gmail.com)

Phone no: +966549488428

## CAREER OBJECTIVE

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Aspiring Data Scientist with a Bachelor's degree in Software engineering and hands-on experience in data analysis, machine learning, and statistical modeling. Seeking to leverage expertise in data manipulation, predictive analytics, and data visualization to contribute to a forward-thinking organization. Committed to applying analytical skills and a data-driven approach to uncover insights, drive strategic decisions, and solve complex problems. Eager to grow professionally and make a meaningful impact in a dynamic and challenging environment.

## WORK EXPERIENCE

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### Vertex IT Solutions, Lahore

January 2023 – August 2023

- Demonstrated full-stack proficiency in the Laravel, including making CI/CD pipeline to AWS
- Embracing agile methodologies for efficient and adaptive development processes.
- Technologies: SQLite, Laravel, AWS.

## SKILLS AND INTERESTS

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**Programming Languages:** Python, JavaScript, PHP, C, C++, Java.

**Frameworks:** Django, Flask, Laravel, React

**DataBases:** SQL, SQLite, Firebase

**Project Management:** Git, Trello, Clickup, BitBucket

**Interpersonal Skills:** Teamwork, Leadership, Bearing Pressure, time management, verbal and non-verbal communication.

**Interests:** Art and Craft, Poetry, Performing Arts.

## EDUCATION

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### University of Central Punjab, Lahore

October 2020 - July 2024

- Bachelors in Software Engineering
- **Relevant Courses:** ITC, PF, OOP, DSA, OS, CCN, ISEC, DB, SE, SRE, SDA, SCD, SPM, SREE, ADWeb, Big Data, NLP, DL,

### Kamyaab Jawan Program, Ehunar

April 2024 - Sep 2024

- Machine Learnig, DataScience, AI
- **Relevant Courses:** Supervised & Unsupervised Learning, Machine Learning models, Deep Learning, Transfer Learning, and Neural Networks

### Pakistan International School, Al-Khobar

August 2016 - June 2018

- Intermediate in Pre-Engineering

## PROJECTS

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### AI driven Internship platform— (Django | React | SQLite)

August 2023 - June 2024

- Crafted a comprehensive web application catering to students, companies, and administrators.
- Utilized Django framework to construct a robust backend, facilitating APIs for internship submission, feedback, acceptance, rejection, AI-driven matching, and admin functionalities.
- Implemented secure user authentication and authorization mechanisms to ensure protected access to profiles and account features.
- Integrated React for dynamic and responsive frontend interactions, enhancing user experience and engagement.

### Fake News Detection— (Python | Flask | HTML+CSS)

May 2024 – June 2024

- Developed a machine learning-based web application to identify and classify fake news articles, achieving a classification accuracy of 92%
- Utilized Support Vector Machine (SVM) algorithms to analyze and categorize text data, optimizing model performance through hyperparameter tuning and cross-validation.
- Built and deployed a Flask-based API to integrate the SVM model with a user-friendly interface, enabling real-time fake news detection and providing actionable feedback to users.

### Airplane Crash and Fatalities Analysis— (Python | Decision tree )

Jan 2024 – Feb 2024

- Developed a predictive analysis tool to assess and classify airplane crash risks and associated fatalities, achieving a model accuracy of 87%.
- Employed Decision Tree Classifier to analyze historical aviation data, uncovering key factors influencing crash severity and fatality rates.

