

# Shahbaz Aman O

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## SUMMARY

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MERN Stack Developer & AI Enthusiast with hands-on experience building full-stack applications using React, Node.js, Express, and MongoDB. Experienced in authentication, dashboards, REST APIs, and AI-powered features. Seeking an entry-level / fresher developer role to contribute to scalable web applications.

## SKILLS

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- **Languages:** C++, JavaScript (ES6+), Python
- **Frontend:** React.js, HTML5, CSS, Bootstrap, Tailwind
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, MySQL
- **AI/ML:** TensorFlow, Scikit-Learn, OpenCV
- **Tools/Platform:** Git, GitHub, Azure, Google Colab, Postman
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability, Flexibility

## PROJECTS

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- **Find My Career - Job Listing Platform** | *React, Node.js, Express.js, MongoDB* January 2026
  - Built a MERN stack job portal enabling recruiters and job seekers with role-based access control and secure user management.
  - Implemented secure authentication (JWT), user dashboards, and separate workflows for Job Seekers and Recruiters.
  - Developed job posting, application tracking, applicant management, and RESTful APIs with dynamic routing.
  - Optimized for responsive UI, reusable React components, real-time notifications, and scalable MVC backend architecture.

- **Edumax - AI Integrated E-learning Platform** | *React, Context API, Node.js, Express.js, MongoDB* April 2025
  - Designed and developed a responsive education platform using React, OpenAI API
  - Implemented user-friendly ai chatbot and Question Generator.
  - Includes authentication, dashboard, and automated feedback generation.

- **Plant Disease Analysis** | *python* February 2024
  - Gather plant images, label them, and preprocess (resize, normalize)
  - Design a CNN architecture with layers for feature extraction.
  - Train the CNN model using labeled images, applying an appropriate activation function ReLU.
  - Use the trained model to predict plant diseases and evaluate accuracy.

- **Churn Customer Prediction** | *python* July 2023
  - Gather customer data, handle missing values, and normalize features.
  - Build a decision tree model to classify churn vs non-churn.
  - Model training and Deployment to production environment for real-time prediction.

## SUMMER TRAINING

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### • Machine Learning and AI | IBM

July 2023

- Acquired practical experience in designing, deploying, and optimizing machine learning models for various applications.
- Handled and preprocessed large datasets exceeding 10,000 entries, enhancing model performance by 18 % through feature selection and tuning.
- Implemented and evaluated supervised and unsupervised learning algorithms, attaining an accuracy of 87 % on validation datasets.
- Leveraged Python libraries like NumPy, Scikit-learn, and TensorFlow to develop data-driven solutions and visualize key insights.

## CERTIFICATES

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- Artificial intelligence foundation for employability program Certification | Infosys and ICT Academy November 2024
- Artificial intelligence | IBM July 2023
- SQL for Data Science provided | Great Learning Academy September 2022
- Data structures | UC San Diego and Coursera November 2019

## ACHIEVEMENTS

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- Solved 40+ questions on Leet Code June 2023 -present
- 4-star rating in C++ on Hacker Rank Feb 2021 -present
- Science boy of the year (SBOY):  
Secured 1st position in the competition which showcased scientific and technical knowledge June 2017-18

## EDUCATION

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- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.1* Since August 2021
- **EMEA HSS** Kondotty, Kerala  
*Intermediate; Percentage: 95.48%* April 2019 - March 2021
- **GVHSS** Kondotty, Kerala  
*Matriculation; Percentage: 98.00%* April 2018 - March 2019