

Shahbaz Aman O

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SUMMARY

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

- **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

- **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

- 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

- 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

- 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): June 2017-18
Secured 1st position in the competition which showcased scientific and technical knowledge

EDUCATION

- 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