



Mohtasim Arif

Bachelor in Computer Science
(BS.CS.)

- ▶ 25.08.2002 in Jand,Attock
- ▶ Pakistan
- ▶ Unmarried

Skills

Software development	3+ yrs
UI/UX Designer	4+ yrs.
ML Enthusiast	2+ yrs.
DeVOPs	2+ yrs.
App Development	1+ yrs.
Data science	0.6+ yrs.
Communication Skills	L1
English	C1

Biography

Mohtasim Arif – Software Engineer | ML Enthusiast

A highly skilled **Software Engineer** with **3 years of experience** in full-stack development, machine learning, and UI/UX design. Proficient in **React.js, JavaScript, and Python**, with expertise in **web development, backend technologies (Node.js, Django), and machine learning (NLP, Scikit-learn)**.

Additionally, I have **medium-level expertise in app development** and a strong eye for **UI/UX design**, working with **Figma and Adobe XD**. Passionate about integrating **ML models into applications** to enhance automation, efficiency, and decision-making. Seeking a dynamic role where I can leverage my skills to drive innovation and intelligent software solutions.

Work experience

Software Engineer

01/2022 - 02/2022

Project E-Commerce Website
Freelance

Developed and maintained scalable web applications using React.js, JavaScript, and Node.js. Integrated Machine Learning models using NLP and Scikit-learn for predictive analytics and automation. Designed intuitive UI/UX interfaces with Figma and Adobe XD to enhance user experience. Developed a full-stack e-commerce website with secure authentication, dynamic product management, and seamless payment integration using MongoDB, Express.js, React.js, and Node.js (MERN stack).

Software Engineer

06/2022 - 07/2022

Resume Builder Project
Freelance

Designed and developed a dynamic Resume Builder web application using React.js, JavaScript, and Node.js. Implemented customizable templates, real-time preview, and PDF export functionality. Integrated user authentication and data storage using Firebase and MongoDB. Enhanced user experience with an intuitive UI/UX design using Tailwind CSS and Material UI.

Machine Learning Engineer

07/2023 - 08/2023

Health-Chatbot
Project From University

Worked on NLP-based chatbot models using Python, Scikit-learn, and TensorFlow. Conducted sentiment analysis and text classification projects. Optimized ML model performance and deployment for real-time applications.

UI/UX Designer

08/2024 - 08/2024

E-Commerce Website
Freelance Projects

Designed intuitive and visually appealing user interfaces for e-commerce websites and mobile apps using Figma and Adobe XD. Developed interactive prototypes to enhance user experience and streamline navigation. Conducted user research and usability testing to optimize design for better engagement and conversions. Collaborated with developers to ensure responsive and seamless UI implementation across multiple devices.

Education

02/2021 - 12/2025

Bachelor in Computer Science (Bs.CS.)

COMSATS Institute of Information and Technology, Attock Campus
Software Developer ▪ ML Enthusias ▪ UI/UX ▪ DevOps .

03/2018 - 08/2020

FSc Pre-Engineering

Punjab Group of College, Jand Campus

02/2016 - 02/2018

Matric Computer Science

Bahria Foundation College

Interests

- ▶ Photography
- ▶ Gaming
- ▶ Music
- ▶ Travel

Contact

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- 🏠 MohtasimPortfolio
- 🔄 github.com/MohtasimArif
- in linkedin.com/in/mohtasim-arif

Traffic Management System

Personal Project / Research Project

08/2024 - 03/2025

Developed an AI-powered Traffic Management System integrating web development and machine learning. Built a web-based dashboard using React.js, Node.js, and MongoDB for real-time traffic monitoring and data visualization. Implemented YOLOv8 for vehicle detection, traffic density analysis, and anomaly detection. Optimized the model for real-time performance using OpenCV and TensorFlow. Enhanced user interaction with an intuitive UI/UX, providing live traffic insights and congestion predictions.

Mobile App Developer (Part-Time)

Water Drink Remainder
Personal Project

01/2025 - 03/2025

Built cross-platform mobile applications using React Native. Implemented back-end logic with Firebase and Node.js. Focused on performance optimization and smooth UI interactions.

Publications

- Arif, M. (2024). "Enhancing NLP-Based Chatbots with Scikit-Learn: A Practical Approach." In: *International Journal of AI Research*, Vol. 15, No. 3, June 2023.
- Arif, M. & Co-Author, X. (2023). "Integrating Machine Learning Models into Full-Stack Web Applications." In: *Proceedings of the International Conference on Web Technologies*, March 2022.
- Arif, M. (2023). "Building Scalable Web Applications with React.js and Node.js." Published on Medium.com, October 2021.
- Arif, M. (2022). "UI/UX Best Practices for AI-Driven Applications." Dev.to, December 2022.

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