Amaan Shaikh

Full Stack Web Developer / Machine Learning Enigneer

Email:- amaan.kp7867@gmail.com

Contact:- 7020445577

LinkedIn Link   GitHub Link   Portfolio Link

Professional Summary

Motivated Full Stack Developer skilled in building scalable web apps using modern frameworks like Next.js and Node.js.Pursuing B.E. in AI & Data Science with hands-on experience in end-to-end project development.
Familiar with Agile practices, team collaboration, and real-world problem solving.
Also proficient in Machine Learning, with experience in model building and deployment using Python and Flask.

SKILL SUMMARY

Languages	JavaScript ,TypeScript, Python, C++, C, React.js, JQuery, Tailwind, Bootstrap,
Frameworks	React-Native,React-Native-expo,Next.js Scikit-learn, TensorFlow, PyTorch, Hugging Face Transformers, Pandas, NumPy, Seaborn Matplotlib,
Backend	Node.js, Express, Mongoose ,Nextjs,Flask
Api	REST, Socket ,GraphQL
Database	Mongo db, Mysql ,Postgresql
Machine Learning	Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering),Model Evaluation, Data Cleaning & Preprocessing, Feature Engineering
Deep Learning	Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Transformers, Generative Adversarial Networks (GANs)
Tools	Google Colab, Hugging Face Hub, n8n, Jupyter Notebooks ORM-Prisma,Git, Version control, Docker,Tableau
Model Deployment & Integration:	Model Training Pipelines, API Integration, AI Workflow Automation with n8n
Natural Language Processing	Stemming ,Lemmatization,Tokenization,stopwords,Post_tag,Word2Vec,word Embedding etc

---

PROJECTS

BarberEase (In development)

- Built a barber appointment booking platform enabling users to find nearby barbers, view schedules, and book slots. Focused on creating a user-friendly UI and real-time scheduling updates.

F1 Lap Time and Pit strategy Predictor using Machine Learning

- Built a Flask-based web app to predict Formula 1 car lap times and when to Pit using real race telemetry data and ElasticNet regression,Logistics regression,Gridseach cv and class weight training, achieving high R^2 accuracy. and

InstantConnect Chat App

- Designed and deployed a real-time chat room supporting group messaging with dynamic user lists. Emphasized fast socket communication and user experience

DeepFake Faceswap

- Project focuses on creating realistic deepfake face swaps using the Quick96 model from the DeepFaceLab framework. The Quick96 model offers a balance between training speed and quality, making it ideal for generating convincing face swaps with limited resources.(Project is kept Private to prevent missuse)

Predict Diabetes and Heart Disease risk App

- Developed an AI-powered web app using Flask and Next.js to predict Diabetes and Heart Disease risk based on medical data. Integrated real-time ML inference with user-friendly frontend and visual result interpretation (confusion matrix, probabilities).

Reddit User Persona Builder

- Developed an AI-powered web app using Flask which scraps the user data from reddit all comments and post its desired content and build a User Persona and provide detail summary of User

---

Internship

Full Stack Intern - Avirait Technologies (Jan 2025 - May 2025)

- Developing a scalable internal tool using React and Node.js.
- Collaborating with backend team to optimize REST APIs and handle database queries.

Web Development Intern - Nexus Info (Jan 2024 - Feb 2024)

- Contributed to the Customer Showcase project with front-end enhancements.
- Improved page load speed by optimizing images and refactoring reusable components.

EDUCATION

SSC - New Grace English School	**March -2019**
HSC - Poona College of Art, Science & Commerce	**June 2019 - April 2021**
BE in **Artificial Intelligence and Data Science** -Zeal College of Engineering and Research	**December 2021 - June 2025**

CERTIFICATES

Complete Web Development- Dr Angela Yu	2023
Developing Frontend Apps with React- IBM	2023
Developing Backend with Node and Express- IBM	2023
Getting Started with Git and GitHub- IBM	2025
Complete Data Science,Machine Learning,DL,NLP Bootcamp	2025