

AFNAN AHMED

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EDUCATION

CITY ENGINEERING COLLEGE

Bachelor of Engineering. CGPA 7.6

Relevant Coursework: Computer Science and Engineering

Bengaluru, Karnataka

June 2024

SRI UMA MAHESHWARI PU COLLEGE

Pre-University. Percentage 79.81

Raichur, Karnataka

March 2020

ST. ANN'S HIGH SCHOOL

High School. Percentage 76.64

Raichur, Karnataka

March 2018

EXPERIENCE

Hutti Gold Mines Co. Ltd

Intern

Hutti, Karnataka

Aug 2023 – Sept 2023

- Developed an AI chatbot for mining professionals, enhancing query response efficiency by 10%.
- Designed back-end APIs to handle 100+ chat and 1,000+ video queries daily using HTML5, CSS3, JavaScript, and API Integration

Pentagon Space

Trainee

Bengaluru, Karnataka

Feb 2024 – Oct 2024

- Training in **Python full-stack development** covering Python, HTML, CSS, JavaScript, ReactJS, Django, RESTful APIs, and MySQL.
- Implemented hands-on experience with Git/GitHub and Jira for project collaboration and tracking.

SKILLS

- Programming & Frameworks:** Python (Pandas, NumPy, Matplotlib, Seaborn), Flask, Django (basic), Google Colab.
- Machine Learning & Data Analysis:** Supervised/Unsupervised Learning, Data Cleaning, Data Preprocessing(basic).
- Databases & Tools:** MySQL, SQLite (Data Querying and Manipulation), GitHub, CI/CD, Linux, Windows.
- Soft Skills & Languages:** Time Management, Problem Solving, Communication, Fluent in English, Kannada, Hindi, Urdu.

ACTIVITIES

Sentinel Hack 3.0

Team Member

- Participated in a state-level hackathon conducted by KSIT, Bengaluru.
- Development of a road clearance system for rescue vehicles to improve emergency response.

Research Paper

Co-Author

- Title:** "Online Blockchain-Based Certification and Validation System". URL: [JETIRGG06071](https://doi.org/10.1729/Journal.39878)
- Journal:** **International Journal** of Emerging Technologies and Innovative Research (**JETIR**)
- Publication:** Published in Volume 11, Issue 5, May-2024, Pages 459-463. DOI: [10.1729/Journal.39878](https://doi.org/10.1729/Journal.39878)

Certifications

- Google Data Analytics Professional Certificate – Coursera ([Certificate](#))
- Foundations of Project Management – Coursera ([Certificate](#))

PROJECTS

B N The Automobile Services (<https://production-test-afnan.netlify.app>)

- Designed a responsive full-stack website for an automobile repair and maintenance service provider.
- The website includes features such as diagnostic tests, repair work details, and customer communication.
- Utilized **ReactJS** for the front-end development with Tailwind CSS for responsive and modern styling.
- Created service request forms with EmailJS for emails and a **responsive UI** using Tailwind CSS for smooth user navigation.

Meet Now Application (<https://github.com/afnan006/Meet-Now>) ([Meet Now-Live](#))

- Developed a real-time video conferencing platform with features like video/audio streaming, chat, and file sharing.
- Employed basic data handling skills for session management and optimizing communication performance.
- Utilized React, WebRTC, and Socket.IO for seamless peer-to-peer communication and dynamic user interfaces.
- Built a robust backend with Python (Flask) and Flask-SocketIO, ensuring scalable real-time communication.
- Implemented secure user authentication with Firebase and managed sessions and meeting data using SQLite.