Arif Mohammad

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Objective

Aspiring Software Engineer with strong interests in Artificial Intelligence, Machine Learning, and Full-Stack Web Development. Currently pursuing a B.Tech in Computer Science with a specialization in AI and ML. Skilled in Python, TensorFlow, PyTorch.Proficient in HTML,CSS,JavaScript.Also enhancing by learning in React.js, Node.js, and Machine learning frameworks and libraries for developing scalable and user-centric web applications and ML models . Seeking an AI and Web Development Internships to apply technical expertise, contribute to innovative projects, and solve real-world challenges using cutting-edge technologies.

Technical Skills

- **Languages:** Python, Java, C

- **AI/ML:** Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing (NLP), Large Language Models (LLM)

- **Libraries and Frameworks:** TensorFlow, PyTorch(Learning)

- **Web Development:** HTML, CSS, JavaScript,Express,Nodejs,Ejs,MERN stack.

- **Databases and Cloud:** SQL,mongodb.

- **Other Skills:** Data Structures and Algorithms (DSA)..

Education

Dhanekula Institute of Engineering and Technology, Vijayawada

B.Tech in AI ML (2023 - 2027)

Relevant Courses: Artificial Intelligence, Machine Learning, Web Development, DSA

Projects

Movie Recommender System (Machine Learning)　　　　　　　*View Live Demo*　　— *Gihub Repository*

- Built a content-based movie recommendation system using user preferences.

- Integrated TMDB API and deployed using Streamlit.

- **Tech Stack:** Python, Streamlit, Pandas, TMDB API, Pickle

Quiz-App　　　　　　　*View Live Demo*　　— *Github Repository*

- Built a responsive, interactive quiz application built with React and TypeScript .

- Offers multiple subject categories and provides instant feedback.

- **Tech Stack:** Frontend Framework: React 19 with TypeScript, Build Tool: Vite Styling: CSS with responsive design.

BLOG-APP   *View Live Demo* — *Github Repository*

- Created a fully functional blog post application using Express.js REST APIs and EJS templating engine for views.
- Implemented Read detailed blog posts,Create new blog posts,Edit existing posts,Delete posts functionalities
  Server-rendered views using EJS
- **Tech Stack:** JavaScript,Express.js (REST API),EJS .

Chess Game   *View Live Demo* — *Github Repository*

- Created a fully functional chess game with interactive UI and logic.
- Implemented turn-based system, piece selection, and valid move handling.
- **Tech Stack:** JavaScript, HTML, CSS, jQuery

Simon Says Game   *View Live Demo* — *Github Repository*

- Developed a memory-based Simon Says game with event-driven programming.
- **Tech Stack:** JavaScript, HTML, CSS

Trapnet   *View Live Demo* — *Github Repository*

- Developed a project involves the creation of a Honeypot-based detection and analysis system tailored to simulate a real, vulnerable web application environment. It aims to detect, log, and analyze malicious activity while also sending real-time alerts via email when suspicious behavior is detected.
- **Tech Stack:** python, flask,html.css,js.

Spotify Clone – Responsive UI Design with HTML and CSS   *View Live Demo* — *Github Repository*

- Designed a Spotify-inspired UI with responsive layout and navigation.
- **Tech Stack:** HTML, CSS

Website Interface   *View Live Demo* — *Github Repository*

- Built a Website UI with sidebar navigation, background image ,hover effects and other css properties
- **Tech Stack:** HTML, CSS

Certifications

🔗 Artificial Intelligence Fundamentals

🔗 Big Data Technologies and Applications

🔗 Neural Networks and Deep Learning

🔗 Data Structures by Infosys

Continuous Learning and Development

- Actively developing skills in Full-Stack Web Development and Artificial Intelligence, focusing on both Front-End/Back-End technologies and AI model development

- Completed certifications in HTML, CSS, JavaScript, Deep Learning, Neural Networks, and AI Applications through platforms like Great Learning

- Currently learning Backend Development with Node.js, API integration, Cloud Computing (AWS), Cybersecurity, and Explainable AI concepts

- Building real-world projects in Web Development and AI/ML to apply theoretical knowledge through hands-on practice

Hobbies and Interests

- Active participation in tech communities, public speaking, and knowledge sharing on AI and Web Development topics

- Building personal projects in AI/ML and Full-Stack Web Development to apply and expand technical skills

- Exploring creative technologies like AI-generated art, web animations, and interactive digital experiences

- Continuous learning through online courses, research articles, and hands-on experimentation with emerging technologies

- Playing badminton and engaging in outdoor activities to support focus, teamwork, and overall well-being