

# Arif Mohammad

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## Objective

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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

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- **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, Node.js, Ejs, MERN stack.
- **Databases and Cloud:** SQL, MongoDB.
- **Other Skills:** Data Structures and Algorithms (DSA)..

## Education

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**Dhanekula Institute of Engineering and Technology**, Vijayawada

B.Tech in AI ML (2023 - 2027)

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

## Projects

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### Personal Portfolio)

[View Live Demo](#) — [Github Repository](#)

- Developed a full-stack personal portfolio website using React (Vite, TypeScript) and Node.js/Express to showcase projects and skills.
- Integrated a contact form with email delivery using Nodemailer and backend API
- Deployed the frontend on Netlify and backend on Render with environment-based configuration for production.
- **Tech Stack:** React, Vite, TypeScript, Tailwind CSS, Framer Motion, Node.js, Express, Nodemailer, Render, Netlify

### Movie Recommender System (Machine Learning)

[View Live Demo](#) — [Github 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

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- 🔗 Microsoft AI Skills Fest — Festival participation
- 🔗 OpenCv
- 🔗 Artificial Intelligence Fundamentals
- 🔗 Big Data Technologies and Applications
- 🔗 Neural Networks and Deep Learning
- 🔗 Data Structures by Infosys

## Continuous Learning and Development

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- 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

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- 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