VAISHNAVI SHUKLA

+91 6387379139 • vaishnavishuklabcn@gmail.com • linkedin.com/in/vaishnavi-shukla-14b214251/ •
github.com/vaishnavi536/

SUMMARY

I am a motivated and enthusiastic candidate with a strong interest in Full Stack Development, AI/ML, and Data Science. I have gained hands-on project experience using technologies like React, Node.js, MongoDB, and Firebase. I have foundational knowledge in NLP, Deep Learning, and Cloud Computing through academic and personal projects.

EDUCATION

B.tech, Computer Science and Engineering   Graduating Jul 2025

Dr.A.P.J.Abdul Kalam Technical University   8.18 GPA

Bansal Institute of Engineering and Technology, Lucknow

Relevant coursework: Data Structures and Algorithms, Computer Networks, Software Engineering, Operating System, AIML, Cloud Computing, NLP

TECHNICAL SKILLS

Tools/Environments: Jupyter Notebook, Google Colab, Anaconda, Docker, Git/GitHub
Databases: MYSQL, MongoDB, Firebase, SQL, Microsoft Azure, AWS, Google Cloud
Programming Skills: Java, Python, C, C++, Kotlin, JavaScript, HTML,CSS
Frameworks and Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Django, Flask, Springboot, Hibernate, Tensorflow, Keras, PyTorch, NLTK

PROFESSIONAL EXPERIENCE

Techpile Technology Pvt, Ltd, Uttar Pradesh: Summer trainee intern (Summer training)   Aug 2024 – Oct 2024
- Developed a real-time messaging app, VIBER, using Java and Firebase.
- Engineered an Android app utilizing Firebase's comprehensive backend solution, including real-time database.

AICTE platform, Government of India: Data Science Intern   Dec 2024 – Apr 2025
- Developed an AI/NLP-based chatbot during my internship using ML and NLP techniques.
- Empowering Futures with Green and Artificial Intelligence Expertise.

ACADEMIC PROJECTS

AI based traffic sign recognition system   Fall 2024 - Spring 2025

Designed and implemented a deep learning-based Traffic Sign Recognition System individually, using CNNs and Keras.
- Built a convolutional neural network (CNN) model for real-time traffic sign recognition in Python and TensorFlow.
- Designed an intelligent system to enhance driver assistance by detecting and identifying traffic signs.
- Utilized OpenCV and deep learning frameworks to detect and classify road signs from visual input.

Whether Forecasting Application   Spring 2024

Collaborated on a Web App in a team, handling backend integration and AI/ML-based deep learning predictions.
- Created a weather forecasting system, focusing on backend and AI-driven prediction models.
- Developed a weather forecasting application to predict future weather conditions using AI/ML techniques.

CERTIFICATIONS

LinkedIn and Microsoft, Online: Candidate   Aug 2024 – Sep 2024
- Done certification in Advanced Cybersecurity and Emerging Technologies from LinkedIn Learning and Microsoft.

IIT Delhi, New Delhi, India: Candidate   Feb 2025 – Feb 2025
- Done certification in AI and participated in hackathons hosted by tech Gyan in collaboration with IIT Delhi.

ACTIVITIES

Google Developer Member, Event Organizer in College   May 2023 – Dec 2024

Gold Medalist with A++ Grade and Excellent performance, participate online coding contests, presentations won prize
- As a GDSC member, actively involved in fostering a vibrant tech community, hackathons.
- organizing in a team fests and contests related to tech-challenges quizes and coding rounds in college.