

VAIBHAV WADHWA

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Skills

Python| Java| C/C++| JavaScript | HTML| CSS3 | MEAN(MongoDB, Express.js, Angular.js, Node.js)|Express.js | Node.js | SQL| MongoDB| Firebase| Hadoop| Flask| Django| Spring Boot| Stream lit| TypeScript | React.js | Angular.JS| Vue.JS | Pandas| NumPy |TensorFlow| OpenCV| Natural Language Processing | AWS| Version Control(Git)|Computer Science| Android| Analytics Platform |Algorithms| Business Analysis| Artificial Intelligence |Analysis| Agile| Telecommunication| Mathematics| Arduino|ESP32| Tableau| Power BI| Windows| Pytorch| Image Processing| Pattern Recognition| Computer Vision| RESTful APIs | CI/CD | Unit Testing | Postman | Cloud computing| Figma |QA Testing| Data Structure| Full Stack Development| System Design| Artificial intelligence(AI)| software engineer

Projects

- **Facial Recognition:** Built a user-friendly attendance platform utilizing facial recognition for accurate presence data. | [GitHub](#) |
- **Speech-Emotion-Recognition:** application to recognize 10 basic emotions from speech trained on 150 audio samples | [GitHub](#) |
- **Plant Classification with CNN in React App:** Real-time React.JS App trained on 30,000 images to classify 154 plant species. | [GitHub](#) |
- **Waste Classification with CNN in Android App:** Real-Time Android to classify objects as organic or inorganic trained on 20,000 images| [GitHub](#) |
- **Resume Parser:** Leverages AI and NLP to transform unstructured resume data into structured formats. | [GitHub](#) |
- **Book Store API:** RESTful API built with Node.js and Express.js that allows users to manage books in an online book store. |[GitHub](#) |

Professional Experience

AI Intern	IBM SkillsBuild	Delhi, India	07/2024 - 08/2024
<ul style="list-style-type: none">• Gained hands-on experience with AI/ML model development, implementation, and evaluation, working on real-world applications.• Collaborated with cross-functional teams to gather requirements and deliver data-driven solutions			
AI/ML Intern	Nexus Info	Delhi, India	04/2024 - 05/2024
<ul style="list-style-type: none">• Developed custom algorithms for unique data analysis challenges, leading to a 20% improvement in predictive accuracy.• Gained hands-on experience with AI/ML model development, implementation, and evaluation, working on real-world applications.• Collaborated with cross-functional teams to gather requirements and deliver data-driven solutions.			
Data Science Intern	Code Clause	Delhi, India	12/2023 - 01/2024
<ul style="list-style-type: none">• Automated data collection and preprocessing tasks, enhancing data processing efficiency by 30%.• Optimized machine learning models for better prediction accuracy, resulting in a 15% performance boost.			
Data Science Intern	Oasis Infobyte	Delhi, India	07/2023 - 08/2023
<ul style="list-style-type: none">• Implemented data visualization techniques using Tableau to effectively communicate insights to stakeholders.• Collaborated with cross-functional teams to understand business requirements and develop data-driven solutions.			
Data Science Intern	Bharat Intern	Delhi, India	03/2023 - 04/2023
<ul style="list-style-type: none">• Enhanced data processing efficiency through automation, reducing manual workload by 25%.• Improved machine learning model performance by optimizing algorithms and tuning hyperparameters			

Education

Bachelor of Technology	Vivekananda Institute of Professional Studies	CGPA: 8.25(till date)	Expected June 2025
<ul style="list-style-type: none">• Major in Industrial Internet of Things			
Senior Secondary Examination	Happy Home Public School	86%	May 2021
<ul style="list-style-type: none">• Central Board of Secondary Education			
Secondary Examination	Happy Home Public School	89%	June 2019
<ul style="list-style-type: none">• Central Board of Secondary Education			

Certification

- [NodeJS, IBM, October 2023](#)
- [Python \(Basic\), HackerRank, December 2023](#)
- [Deep Learning Fundamentals, IBM, December 2023](#)
- [Big Data Foundation, IBM, December 2023](#)
- [Machine Learning with Python, IBM, December 2023](#)
- [SQL \(Basic\), HackerRank, June 2023](#)

Achievements

- Awarded HackerRank Gold Badge showcasing expertise in problem-solving, Java ,Python and SQL |[HackerRank](#)|
- Volunteer, Sachkhand Foundation, Delhi: Managed technical aspects and coordinated activities.
- Management Head, Srijan (Eco and Social Outreach Club): Managed 7+ donation drives and 15+ outreach activities involving 200+ students and faculty.
- Management Head, Literary Club (Parikalpana): Organized 7+ events and participated in 5+ literary competitions.
- Editor, Technical Wall Magazine (Prastuti): Planned and displayed monthly articles.
- Hackathons & Ideathons: Participated in 3+ Ideathons and 4+ Hackathons, organized multiple seminars.
- Networking: Attended 10+ professional meetups, built a network of 1,000+ LinkedIn connections