Vinayak Chauhan

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SKILLS

- **Programming:** Python, SQL, HTML, CSS, Javascript
- **Cloud Platforms:** AWS, GCP
- **Tools:** GitHub, Draw.io, JIRA, Cursor.ai
- **Soft Skills:** Adaptability, Problem Solving, Collaboration

PROJECTS

Intelligent Methods for Motor Imagery Classification for BCI *Jan 2025*

1. Achieved 95.45% classification accuracy in EEG signals using MWOA.
2. Improved system efficiency by 78% by reducing feature space from 10416 to 2310.

Salary Prediction System *Nov 2024*

1. Created a machine learning model to predict salaries based on years of experience, with 92% accuracy.
2. Used Python libraries like Pandas and NumPy to read and prepare data from CSV file.

BookMyBus – Responsive Bus Ticket Booking Website *Jan 2023*

1. Built a user-friendly bus ticket booking webpage using HTML and CSS.
2. Improved navigation, achieving 100% responsiveness across devices.
3. Performed manual testing to verify UI/UX consistency and browser compatibility.

EXPERIENCE

Eduskills (AICTE) *Jul 2024 - Sep 2024*

Generative AI Virtual Internship

1. Worked with cloud and AI technology, creating and deploying machine learning models through Google Cloud technology.
2. Completed Google's "Introduction to Generative AI" module, gaining foundational knowledge in Gen AI concepts, applications, and workflows.

Bharat Intern *Jan 2024 - Feb 2024*

Web Development Internship

1. Developed accessible and responsive web interfaces using HTML, CSS, and JavaScript.
2. Gained knowledge about front-end development and user experience by implementing best practices in web development and designing.

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C02)
- Microsoft Azure AI Fundamentals (AI-900)

EDUCATION

B.Tech. in Computer Science (AIML) *2021 – 2025*

Meerut Institute of Engineering and Technology (MIET), AKTU

Senior Secondary (XII) *2019 – 2020*

Translam Academy International, CBSE

Secondary (X) *2017 – 2018*

Translam Academy International, CBSE

ACHIEVEMENTS

Research and Publication

Contributed to the development and publication of a research study titled "Motor imagery feature selection using modified whale optimization algorithm for brain–computer interface," published in the Iran Journal of Computer Science, July 2025.

DOI: https://doi.org/10.1007/s42044-025-00295-z