

Aviral Dwivedi

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[LinkedIn](#) | [Github](#)

Technical Skills: Python, ML, Java, C++(DSA),Cloud Computing, HTML, CSS, JS, Bootstrap,jQuery,AWS

Education

VIT Bhopal University BTech Major in Computer Science and Engineering Cumulative GPA: 9.03/10 12th Standard G.P.M. College ICSE Percentage: 94.5%	Bhopal, Madhya Pradesh 2022-2026(expected)
10th Standard G.P.M. College ICSE percentage:93.2%	Bareilly, Uttar Pradesh Jul 2021 May 2019

Projects

E-commerce Website

- Designed and deployed a dynamic E-commerce website. Engineered backend functionality for secure transactions and user account management. Ensured a seamless shopping experience across devices with responsive design. Integrated payment gateways, inventory management for efficient operations. Documentation facilitates ongoing maintenance, scalability for future enhancements.
- Technologies -[HTML, CSS, JavaScript,jQuery,Bootstrap].

Facial Recognition System

- Engineered a resilient Facial Recognition System utilizing OpenCV and InsightFace libraries, prioritizing accuracy and real-time efficiency. Integrated tailored algorithms for feature extraction, harnessing deep learning capabilities. Attained superior accuracy in varied conditions, established a user-friendly interface.
- Technologies - [Python, Database].

Operating System (YatriOS)

- Successfully contributed to the development of YatriOS, an innovative operating system. Designed and implemented core system functionalities. Developed various applications for YatriOS, enhancing the operating system's capabilities and user experience. Collaborated with a multidisciplinary team to troubleshoot and optimize system performance, ensuring high standards of quality and efficiency.
- Technologies -[C#,C, .NET Framework].

Experience

- Team Co-Lead at Evoastra Ventures (Data Science Internship)
- Data Science Intern (inGrade)

Extracurricular

- Solved 300+ Problems at LeetCode.
- Core Member at TedXVITBhopal and Blockchain Club, VIT Bhopal.
- Selected as a Contributor for GirlScript Summer of Code 2024
- Won Gate Quest in GeekGala2.0 by GeeksforGeeks Student Chapter in AdVITya 2024.

Certifications & Training:

- The Bits and Bytes of Computer Networking by Google.(Dec-2023) (Coursera)
- Certified for Cloud Computing (May-2024)(NPTEL)
- Certified for Machine Learning using Python (Feb-2023)(Udemy)
- Certified for Mathematics for Data Science (August-2023)(Vit Bhopal)
- Certified for Python Essentials(May-2023)(Vit Bhopal)

Languages : Fluent in Hindi, English;
