

VISHAL MALIK

Shamli, Uttar Pradesh, India



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[LinkedIn](#)



[Github](#)



[Leetcode](#)

Education

Indian Institute of Information Technology Pune

Bachelor of Technology in Computer Science (CGPA 8.50)

Aug. 2020 – May 2024

Pune, Maharashtra

Experience

Ridecell

Software Engineer

Dec. 2023 – Present

Pune, Maharashtra

- **Optimized Email Notifications** with new feature, reducing processing load by 50% and improving performance.
- Resolved **100+ critical bugs**, increasing platform stability and customer satisfaction by **25%**.
- Implemented QA automation using **Gherkin and Cucumber**, resulting in **100% coverage** for a specific country.
- **Managed lifecycle template flow creation** for a new product launch using **Django and Django REST Framework**, streamlining the process and ensuring a smooth rollout with minimal downtime.

Pelatis Technologies

Software Developer Intern

Jun. 2023 – Jul. 2023

Remote

- Developed an **ITSM Software** - Feature in ServiceNow developer and **customized workflows, forms, and business rules** to align with the company's specific operational needs.
- Enacted seamless **bi-directional data flow** between the custom ITSM tool and external systems via **REST APIs**, bolstering data integrity and mitigating manual data input overhead.
- **Tested and debugged ITSM features** using **JavaScript** and **ServiceNow platform tools**, ensuring smooth implementation and minimizing downtime or service disruptions.

Publications

Research on Grapevine Leaf-Disease Detection [Paper Link](#) | *Python, Deep Learning, Google Colab*

May 2024

- Utilized **Deep Learning (A.I.) models** for image classification trained over **4000 images of 4 different classes**- Leaf Blight, Black Rot, Black Measles, and Healthy
- Achieved an **accuracy of 99.4%** on the test dataset following training and validation.

Projects

AgriTech Product for Farmers [Project Link](#) | *MongoDB, Mongoose, Express.js, Node.js, EJS, JavaScript, HTML*

- Developed a web application, "AgriTech," using **Express.js and MongoDB with Mongoose**.
- Enabled user to manage product catalog, and editing, and deleting products with REST API and HTTP methods.
- Implemented **product categorization and filtering** functionalities, improving search efficiency by **30%**.

Hand Gesture Volume-Control Using Machine Learning [Project Link](#) | *Python, MediaPipe, OpenCV*

- Integration of system with code to allow volume adjustment through thumb and index finger gestures.
- Volume calibrated with the distance between thumb tip and index fingertip within **range of 30 – 350**.

Technical Skills

Languages: C++, Python, C, HTML/CSS, JavaScript, SQL, Gherkin

Libraries/Framework: Embedded JavaScript, Node.js, Express.js, OpenCV, Cucumber, Django REST

Database: MongoDB, Mongoose(ODM), MySQL

Tools/Platform: GitHub, VSCode, Postman, Jupyter Notebook, ServiceNow Developer

Course Work: OOPS, Deep Learning (A.I.), Data Structures and Algorithms, Operating Systems, DBMS

Achievements

- Achieved **1st** rank in my CSE batch with an **SGPA of 9.45** in the **5th** semester and **SGPA of 9.50** in **6th** semester.
- [Leetcode](#) rating **1750+** with more than **600+** quality question solved.
- Solved **1500+ Algorithm-Based Problems** across different platforms.
- Highest rating of 1402 as **Specialist** at [Codeforces](#) and rating of **1809** as **4* star** on [Codechef](#)