

Mayank Verma

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Software Engineer I

SKILLS

BACKEND

Python, Flask, NodeJS, ExpressJS, Sanity, PostgreSQL, RestAPI

FRONTEND

ReactJS, JavaScript, HTML5, CSS, Tailwind, Bootstrap, Highcharts, Tabulator

Others

Docker, Kubernetes, Ansible, Github, Shell scripting, Debugging, Data Structures and Algorithm, CI/CD

EDUCATION

NIT Rourkela

M.TECH

Electronic Systems and

Communication

CGPA - 8.65 / 10.0

May 2023 | Rourkela, Odisha, India

SRM University

B.TECH

ELECTRICAL AND ELECTRONIC

CGPA - 8.26 / 10.0

May 2019 | Kattankulathur, TN, India

Shiv Jyothi Sr. Sec. Sch.

CBSE | CLASS XII

Percentage - 82.6%

(Improvement-2015)

May 2014 | Kota, India

LINKS

Github: mayank2345

LinkedIn: Mayank_Verma

Hackerrank: @hornetg30

Coding Ninja: mayank018

GFGEEKS: mayankverma8

Certificates: CertificatesLink

COURSEWORK

UNDERGRADUATE

Power Generation, Transmission,
And Distribution

Analog/Digital Electronics

Microprocessor

POSTGRADUATE

Communication,

Image Processing,

Computer Vision,

Embedded Computing System

SUMMARY

I am a skilled **full-stack web application designer** with experience in creating both **Flask-based** and **MERN-based** web applications. I have a strong passion for learning and staying up to date with new technologies. Additionally, I possess expertise in container orchestration tools like **Docker** and **Kubernetes**, making me well-rounded in both web development and DevOps.

INTEL | SOFTWARE DEVELOPMENT INTERN | FULL STACK DEVELOPER

June 2022 - June 2023 | Bengaluru, India

- Demonstrated expertise in both **frontend and backend development**, leveraging **Python, Flask, Jinja2, SQL Query, PostgreSQL, JavaScript, HTML, CSS, and Bootstrap 5** to contribute to the implementation and enhancement of new features.
- Re-designed the dashboards and improved the **page loading speed by 80%**.
- Possess a proficient understanding of **GitHub** and version control practices, enabling effective collaboration and streamlined code management.
- Provided **Docker support** by creating docker images and containerize the application and run those containers in VMs.
- Demonstrated familiarity with **Docker, Kubernetes**, and **Ansible**, fulfilling team requirements and showcasing adaptability to essential DevOps tools.

PROJECTS

1. [ShareMe](#) | Sanity, NodeJS, Reacts, Tailwind, HTML, CSS

- I have designed a fully functional **photo-sharing web app** where users can **share photos with their friends**.
- Users can also **categorize the photos** while uploading, for example: Dogs, Cats, Gaming, Nature, etc. This feature makes it easy for other users to search for pictures that match their interests.
- Additionally, users can **save the pictures** for personal use.

2. **Detection of Avian Influenza** | Computer Vision, Image Processing, MATLAB 2021

- Data of infected bird(hen) was collected and labelled using **Matlab 2021**.
- This **data** (reference) is **compared** with the **hen image (test)**. When the infected hen image is used, the **detector** will label the area of infection **along with the probability of success out 100%**.

3. [Portfolio](#) | React. JavaScript, HTML, CSS

- Crafted a dynamic **ReactJS portfolio website** to elegantly showcase my professional journey and skills.
- Deployed the web application on **netlify** (a web hosting platform.)
- For **CI/CD**, linked the github repo to netlify.

CERTIFICATION

Certified in the following:

- **Hackerrank:** 1. Python 2. SQL 3. Problem Solving
- **CodingNinjas:** 1. Python 2. OOPs
- **Udemy:** 1. Docker 2. Kubernetes 3. Ansible

ACCOMPLISHMENTS

- I received **recognition** from my manager for successfully creating the dashboards with minimal effort and delivered it within **one week**.
- Qualified **GATE 2021** in EE with GATE Score of **521**.