Yash Kesharwani

Software Development Engineer

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Education

Shah & Anchor Kutchhi Engineering College   **2020 – 2024**
Bachelor of Engineering, Information Technology   *9.84/10*

Maharashtra State Board
Class 12th (Feb 2019)   82.15%
Class 10th (March 2017)   86.40%

Technical Skills:

Programming Languages**:** Java, C++, Python , SQL , Postgresql

Version Control Tools**:** Git, Github.

Frameworks**:** Django, Flask, MERN, Spring Boot
Other Technical skills**:** Web Development, Docker
Concepts: Advance Data structures and Algorithms, Database Management System, SDLC, MVC.
Interest Areas: Competitive programming, Cloud computing

Soft Skills:
Good Communication, Presentation, Management skills, Leadership, Observation, Analytical and Problem solving skill.

Experience

Vector Consulting Group | Software Engineer   **06 / 2024 – current**
- Skill Set: Python, REST Framework, ORM, PostgreSQL, DSA
- Contributed to Vector Flow 2.0, a SaaS product, by architecting and developing robust, scalable APIs using Django and the REST framework, resulting in a 30% improvement in system performance and making a distributed system.
- Leveraged Object Relational Mapping (ORM) to optimize database interactions, achieving a 25% reduction in data retrieval time and enhancing storage efficiency.
- Demonstrated advanced problem-solving abilities by diagnosing and resolving complex API functionality and integration issues, reducing system downtime by 15%.

Creative Finserve | Backend Developer   **08 / 2022 – 01 / 2023**
- Skill Set: Python, Django, REST Framework
- Developed a personal loan calculator using the Django framework and REST APIs, enabling users to accurately assess their loan eligibility with 95% accuracy, improving customer decision-making.
- Implemented RESTful APIs to integrate the calculator with external financial data sources, ensuring seamless and real-time data processing.
- Gained hands-on experience in CI/CD pipelines, collaborating in a version-controlled environment using git and github.

Bosang Cryptocurrencies | *Fullstack Developer Intern*   **06/ 2022 – 08/ 2022**
- Skill Set: React.js, Node, JavaScript, HTML, CSS
- Developed and implemented the frontend for the company's website and application using React.js, creating a responsive and user-friendly interface.
- Collaborated closely with the backend team to ensure seamless integration of frontend components with APIs, enhancing the overall functionality and user experience of the platform.
- Participated in code reviews and contributed to optimizing the performance of the web application, reducing load times by 15%.

Projects

Mentor-Prep (Learning platform for students and mentor) | Python, Django

- Designed web application using Django to help students find study partners or groups, collaborate on coursework, and enhance their learning experience.
- A platform for students as well as teachers or mentor to provide resources to the students in term of videos, text and also analyze through personalized analysis dashboard the data of the students and creating content based on their interest.
- Personalized content recommendation for students based on their area of interest and topic, repositories for students to store and share their documents and data with others.

SwarmSentry (Docker container management system) | Python, Django, Docker

- Designed web application using Django (**Real Time Docker Management Application**), a cutting-edge web application build using Python and Django Framework designed to streamline your daily tasks and elevate your productivity.
- Control of your containers with ease. **SwarmSentry** allows you to create, start, stop, and delete containers and images.
- **Container Analysis**: Gain valuable insights into your Docker containers with powerful analysis. This application provides detailed metrics on usages, dependencies, and also provide logs for the particular container.

Achievements

1. **Smart India Hackathon Winner** | 12/2023:
   - Won the Smart India hackathon in the problem statement **Cybersecurity Portal For Servers and Firewall Management**
   - The problem statement was provided by **AICTE**. The 36hr hackathon was conquered, I was the lead Full Stack Developer for the team and system designer.
2. Among top 40% in the platform Leetcode with a rating of 1450+
3. Among top 20% in Coding Ninjas with a rating of 1800+
4. Consistently among top 3 in all the semester of academics.