VAIBHAV TIWARI

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EDUCATION

Dayananda Sagar College of Engineering - Visvesvaraya Technological University	CGPA 8.59/10
Bachelor of Engineering in Computer Science and Design	2021 - 2025
12th CBSE: People's Public School, Bhopal	Percentage- 80.0%
10th CBSE: People's Public School, Bhopal	Percentage- 83.8%

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, User Interface / User Experience, Object-Oriented Modelling and Design, Cloud Computing

TECHNICAL SKILLS

API Skills :	RESTful APIs, JWT Authentication, Documentation
Back-end :	Django, Django REST Framework, ORM, Celery
Languages :	Python, C++, Java, C#
Tools :	Docker, ODBC, SQLAlchemy, Postman, Firebase
Databases :	MySQL, SQLite
Version Control :	Git, GitHub
Front-end :	HTML, CSS, Bootstrap
Soft Skills :	Agile Learner, User-Centric Mindset

PROJECTS

How To Fit —*Django, Python, ORM, Bootstrap, SQLite*   Repository — View Live
- Engineered a fitness app with Django and Bootstrap, improving mobile engagement by 30%.
- Containerized using Docker, cutting deployment time by 25% and ensuring 99.9% uptime.
- Developed fitness calculators (BMI, Calorie, Macro) that served 200+ users.
- Implemented user authentication protocols and personalized the user experience, leading to a 30% boost in user retention over six months.

SEENEMA API —*Django REST Framework, Python, JWT*   Repository— View Live
- Designed a REST API for managing movie watchlists, implementing secure JWT authentication for over 100 registered users, enabling seamless CRUD operations and boosting user experience.
- Acquired movie data from TMDB, providing users with seamless access to **around 1 million movies**.
- Documented the API with Drf Spectacular, detailing **8 endpoints** to ensure integration ease for developers.
- Facilitated API testing with Postman, accelerating usability and streamlining onboarding for 10+ developers.

Security Dbms —*Python, ODBC, Python-MySQL Connector, MySQL*   Repository
- Implemented a database management tool, streamlining SQL operations and reducing manual tasks by 30%.
- Enhanced database flexibility using Python MySQL Connector, cutting query time by 20%.
- Communicated testing results and insights with team members, enhancing stability and performance, and ultimately boosting system efficiency by 30%.

CERTIFICATIONS

ServiceNow Certified Application Developer —*ServiceNow*   View Certificate
- Demonstrated proficiency in building, customizing, and managing applications on the ServiceNow platform, including workflow automation, UI design, and custom script creation.

ServiceNow Certified System Admin —*ServiceNow*   View Certificate
- Demonstrated proficiency in administering the ServiceNow platform, covering incident management, change management, and user administration.

3D Animation with Autodesk Maya —*Autodesk*   View Certificate
- Skilled in 3D animation principles, covering modeling, texturing, rigging, animation, lighting, and rendering.

EXTRA-CURRICULAR ACTIVITIES

- **Active Participant in Javafest, Solana, and W3 Summit**: Collaborated with peers to address technical challenges, fostering a spirit of innovation and teamwork within the tech community.