Viren Yadav

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Professional Summary

Detail-oriented and results-driven Computer Science and Engineering (Data Science) student with strong expertise in **Full-Stack Development**, **API Development**, and **Database Management**. Skilled in **JavaScript (JS)**, **HTML5**, **CSS3**, **React.js**, **Node.js**, **Express.js**, **MongoDB**, and **MySQL**. Proficient in building **RESTful APIs**, implementing **Agile methodologies**, and optimizing application performance. Seeking a Software Development Engineer (SDE) role to leverage technical skills in creating scalable and efficient solutions.

Core Competencies

Full-Stack Web Development, Frontend Engineering, Backend Engineering, API Design & Development, Responsive Web Design, Agile & Scrum, Database Design, Query Optimization, Cloud Deployment (AWS), Version Control (Git/GitHub), Testing & Debugging, Problem Solving, Team Collaboration

Technical Skills

Programming Languages: C, Python, Java, JavaScript (JS), TypeScript, HTML5, CSS3, SQL
Frontend Development: HTML5, CSS3, JavaScript, React.js, Bootstrap
Backend Development: Node.js, Express.js, RESTful APIs
Databases: MySQL, MongoDB, Mongoose ORM
Cloud Platforms: AWS (EC2, S3)
Tools: Git, GitHub, Postman, VS Code, Chrome DevTools
Methodologies: Agile, Test-Driven Development (TDD)
Soft Skills: Time Management, Leadership, Communication, Analytical Thinking, Adaptability

Experience & Projects

Full-Stack Developer (Project) – TravelHowl Website   *Feb 2024 – Apr 2024*

- Designed and developed a full-featured travel website using **HTML5**, **CSS3**, **JavaScript**, and **MySQL**, offering destination suggestions, cost estimation, and travel tips.
- Implemented responsive web design principles, improving mobile compatibility and increasing user engagement by 35%.
- Optimized SQL queries and reduced page load time by 40%.
- **Tools & Technologies:** HTML5, CSS3, JavaScript, MySQL, Git, GitHub, Bootstrap

Backend Developer (Project) – Book Management RESTful API   *Nov 2023 – Dec 2023*

- Developed a scalable **Node.js + Express.js + MongoDB** RESTful API supporting full **CRUD** functionality.
- Implemented **JWT authentication** and modular architecture, improving API response time by 25%.
- Conducted unit testing with Postman, ensuring 100% endpoint coverage.
- **Tools & Technologies:** Node.js, Express.js, MongoDB, Mongoose, JWT, Postman, Git, GitHub

Education

ABES Engineering College, Ghaziabad   *2022 – 2026*
B.Tech – Computer Science & Engineering (Data Science); CGPA: 7.46/10

Modern School, Vaishali Sector 1, Ghaziabad   *2021*
CBSE Class 12; Percentage: 79.16%

Modern School, Vaishali Sector 1, Ghaziabad   *2019*
CBSE Class 10; Percentage: 88.16%

Certifications

- Python Essentials – Cisco Networking Academy
- HTML Certificate – Great Learning

- CSS Certificate – Great Learning

- Python for Data Science – Guvi

- Generative AI Internship – IBM

Achievements

- Solved 200+ coding problems on platforms like LeetCode, HackerRank, and Codeforces.

- Earned 3-star badge in Problem Solving on HackerRank.

- Selected participant in TCS CodeVita 2023 & 2024.

Extra-Curricular Activities

- Stock Market Enthusiast – applied technical and fundamental analysis for simulated portfolio growth of 15% in 3 months.

- Swimming and Traveling – participated in inter-school swimming competitions and explored 10+ Indian states.