Harshil Patel

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Summary

Detail-oriented computer engineering student with a robust focus on web development and machine learning. Proven ability to apply theoretical concepts through hands-on projects and relevant coursework, demonstrating skills in programming and database management. Committed to continuous learning through certifications and personal initiatives, aiming to leverage knowledge in innovative software solutions.

Skills

- **Programming Languages:** Java, C, C++, Python, JavaScript, PHP
- **Web Development:** HTML, CSS, JSP
- **Frameworks & Libraries:** Flask, NumPy, Pandas
- **Database Management:** MySQL, JDBC
- **Tools & Platforms:** Git, GitHub, Visual Studio

Education

Bachelor of Engineering in Computer Engineering

G.H. Patel College of Engineering and Technology, Anand

2022 – 2026 (Expected)

- **Current CGPA:** 9.75

Higher Secondary Certificate (HSC)

S.V.E.M Gujarati Medium School, Ankleshwar

Passing Year: 2022

- **Percentage:** 83.38%

Projects

- **Sports E-commerce Website Using PHP**
    - Developed and deployed a dynamic e-commerce platform for sports products with live updates and content.
    - Built using **PHP**, **MySQL**, **HTML**, and **CSS** for a responsive and interactive experience.
    - Integrated a product catalog, shopping cart, and secure checkout features.
    - Deployed live: sportsharshil.lovestoblog.com
- **Sorting Algorithm Visualizer**
    - Developed with JavaScript to visualize and compare sorting algorithm efficiencies.
- **Password Sentinel Evaluator & Strong Password Generator**
    - Developed a tool to assess password strength and generate secure passwords
    - Implemented in C for optimized performance and enhanced security insights.
- **Movie Recommendation System (Currently working)**
    - Built using Flask, MySQL, and Scikit-learn for personalized movie suggestions
    - Integrated third-party APIs for fetching movie posters and descriptions
    - Implemented content-based and collaborative filtering algorithms

Achievements

- Explored advanced coding concepts through participation in CODE UNCODE 3.0 (Sep 2024).
- Gained insights into business strategy and product development through a Business Plan Competition (Apr 2024).
- Engaged with diverse tech topics via multiple Coursera certifications, focusing on foundational and emerging technologies.