

Satya Prakash

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EDUCATION

- **VIT Bhopal University** Bhopal, Madhya Pradesh, India
BTech in Computer Science and Engineering ; CGPA: 8.35 October 2022 – October 2026
- **South Point Public School** Patna, Bihar, India
All India Senior School Certificate Examination; Percentage: 72.8 August 2020 - June 2022

PROGRAMMING SKILLS

- **Core Skills:** HTML, CSS, JavaScript, UI, UX
- **Familiar with:** C++, Python, PostgreSQL, Linux
- **Technologies:** Figma, Bootstrap, Express, JQuery, Git, Github, Version Control.

PROJECTS

- **Recon(Team Project)** May 2024
Full Stack Development
 - **Tech Stack Utilized:** Flask, HTML, CSS, PostgreSQL, Python
 - **Developed** a phishing campaign simulation tool to help organizations identify vulnerabilities in their email systems.
 - **Designed and implemented** an API that retrieved emails and targeted specific domains for analysis.
 - **Automated** the process of sending, receiving, and validating over 5,000 emails using Python, ensuring accuracy in phishing detection.
 - **Achieved** a 96% success rate in identifying phishing attempts through robust validation techniques.
- **Freshmen(Team Project)** May 2023 - Ongoing
Frontend Development
 - **Tech Stack Utilized:** HTML, CSS, JavaScript
 - **Created** a user-friendly platform for students to share instructor reviews and insights.
 - **Attracted** 4.5K returning users across India by focusing on functionality and intuitive design.
 - **Generated** 47K page views by prioritizing user engagement and optimized content presentation.
 - **Integrated** HTML, CSS, and JavaScript to develop a responsive and visually appealing interface.

ACHIEVEMENTS

- **Smart India Hackathon '23:** Finalized top 50 out of 200 teams by applying advanced algorithms, data structures, and software design principles.
- **Hacktiv8 '24 Finalist:** Delivered innovative project presentation during finals of HACKTIV8 '24 Hackathon; addressed technical challenges through effective communication and strategic planning that led to potential implementation considerations for real-world applications.
- **Coding Questions:** Participated across major online contests completing over 450+ algorithm-related exercises from renowned sources including Codeforces, Leetcode, Codechef, GFG, highlighting dedication towards continuous personal skill enhancement within the tech field.
- **Coding Contest:** Secured a global rank of 935 out of 15,260 participants in CodeChef Starters 95 Division 4 (Rated) Contest by demonstrating algorithmic expertise.
- **CodeGaruda '23:** Earned 9th place in the CodeGaruda '23 coding contest hosted by the Microsoft Technical Club.

CERTIFICATIONS

- Smart India Hackathon 2023 Internal Round Finalist
- Industrial IoT Markets and Security