Satya Prakash

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EDUCATION

- **VIT Bhopal University** — Bhopal, Madhya Pradesh, India
  BTech in Computer Science and Engineering ; CGPA: 8.39 — *October 2022 – October 2026*

PROGRAMMING SKILLS

- **Core Skills**: HTML, CSS, JavaScript, Express.js, React
- **Familiar with**: C++, Python, PostgreSQL
- **Technologies**: Node.js, Figma, Bootstrap, JQuery, Git, Github, MongoDB

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.
- **Hacktivate '24 Finalist**: Delivered innovative project presentation during finals of HACKTIVATE '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