Sarvesh Patil

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EDUCATION

**VIVEKANAND EDUCATION**

**SOCIETY'S INSTITUTE OF TECHNOLOGY**

Bachelor of Engineering in Information Technology

Grad: 2024

CGPA: 9.89

PROFILE

Portfolio:// [sarvesh2902.github.io](https://sarvesh2902.github.io/)

Github:// [sarvesh2902](https://github.com/sarvesh2902)

Leetcode:// [sarvesh2902](https://leetcode.com/sarvesh2902/)

GFG:// [sarvesh2902](https://auth.geeksforgeeks.org/user/sarvesh2902/)

EXPERIENCE

**SUD LIFE INSURANCE** | Software Developer Intern

Mar 2022 - Present | Hybrid, Mumbai

* Built APIs using Flask for insurance policy validations which eliminated manual work of validating policy details
* Implemented functionality of downloading dashboard report as pdf in Next.js
* Created wireframe on Figma and performed testing and merging code

**PROTOHUBS.IO** | [Full Stack Developer Intern](https://sarvesh2902.github.io/assets/certificates/protohubs_internship.pdf) ****

Aug 2022 - Dec 2022 | Remote

* Designed database schema using mongoose, implemented user authentication using passport.js and bcrypt
* Implemented payment gateway using Razorpay API and webhooks
* Used sketchfab and poly.pizza API for searching and downloading 3d models
* Designed Login, Register and Courses pages using React.js and TailwindCSS

ACHIEVEMENTS

* 1st at [Hack-AI-Thon](https://sarvesh2902.github.io/assets/certificates/hack_ai_thon.pdf)  Hackathon (VESIT)
* 2nd at [Hackanova 2.0](https://sarvesh2902.github.io/assets/certificates/hackanova.pdf)  Hackathon (TCET)
* 2nd at [Syrus](https://sarvesh2902.github.io/assets/certificates/syrus.pdf)  Hackathon (VESIT)
* 2nd at [Code-O-Fiesta](https://sarvesh2902.github.io/assets/certificates/code_o_fiesta.pdf)  Coding Competition (VESIT)
* 3rd at [Code-A-Thon](https://sarvesh2902.github.io/assets/certificates/code_a_thon.pdf)  Hackathon (DMCE)
* 400+ problems solved on [Leetcode](https://leetcode.com/sarvesh2902/) & [GFG](https://auth.geeksforgeeks.org/user/sarvesh2902/)
* 1564 contest rating (highest) on [Leetcode](https://leetcode.com/sarvesh2902/)
* Gold Elite in [NPTEL Python](https://sarvesh2902.github.io/assets/certificates/nptel_python.pdf)  Examination (secured 90%)
* Finalist at Ethos Hackathon (IIT Guwahati)

SKILLS

Languages:

C/C++ • JavaScript • Python TypeScript • Java

Frameworks:

MERN Stack • Next.js • Flask Django • Tailwind CSS

Databases:

MongoDB • Firebase • PostgreSQL Supabase • SQLite

ML Libraries:

Numpy • Pandas • Scikit-Learn

Matplotlib

Other tools:

Git & Github • Vercel • Render VS Code • JupyterNB

PROJECTS

**DEMETER - THE FARMING ASSISTANT** | [Video](https://youtu.be/DnV0W-LSKtE) | [Live](https://farming-assistant.vercel.app/) | [Github](https://github.com/sarvesh2902/farming-assistant)

React.js, Next.js, Flask, Jupyter NB, Pandas, Numpy, Scikit Learn, OpenAI

* The platform offers farmers a range of tools, including disease detection and treatment guidance, a curated list of suitable crops and fertilizers, and a detailed weather forecast analysis for the next few days
* Implemented disease detection model using CNN with an accuracy of 98.7%
* Built frontend using Next.js & Tailwind, API using Flask, auth using NextAuth.js
* Used GPT-3 API for analyzing weather data, DALL·E API for creating images

**PORTFOLIO PRO** | [Video](https://youtu.be/Z4ROG4dBllE) | [Live](https://portfolio-pro.one/) | [Github](https://github.com/sarvesh2902/portfolio)

React.js, Next.js, Node.js, MongoDB, Bootstrap, Sendgrid, NextAuth.js

* The application enables users to easily create a customizable portfolio website that showcases the user’s skills and offerings
* Built Google, Github, Twitter auth using NextAuth.js, stored data in MongoDB
* Implemented CRUD operations using Node.js, sending emails using Sendgrid

**GUARDIFY** | [Video](https://youtu.be/lZqWLvwNAfs) | [Live](https://guardify.vercel.app/) | [Github](https://github.com/sarvesh2902/guardify)

Next.js, Node.js, Flask, Tweepy, MongoDB, OpenAI, React.js, Tailwind CSS

* The app analyzes followings, reports, and files complaints against suspicious individuals, and the admin reviews them. It analyzes foreign language text and guides in case of an incident, providing nearby cyber cell center locations.
* Built profile analysis by feeding tweets gathered using Tweepy into ML Model
* Used Google Translate API for foreign language text analysis

POSITION OF RESPONSIBILITY

**ISTE-VESIT** | Jr. Technical Officer

Dec 2021 - Present | Mumbai

* Conducted workshop on Git & GitHub and Twitter clone using React.js and Tailwind CSS
* Implemented timeline page for the official [website](https://www.istevesit.in/timeline) 
* Deployed the website with a custom domain name from GoDaddy on Vercel
* Designed and created a prototype of College Management System web application