

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

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

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

GFG:// [sarvesh2902](https://www.geogebra.org/m/sarvesh2902)

ACHIEVEMENTS

- 1st at **Hack-AI-Thon** [Hackathon](#) (VESIT)
- 2nd at **Hackanova 2.0** [Hackathon](#) (TCET)
- 2nd at **Syrus** [Hackathon](#) (VESIT)
- 2nd at **Code-O-Fiesta** [Coding Competition](#) (VESIT)
- 3rd at **Code-A-Thon** [Hackathon](#) (DMCE)
- 400+ problems solved on **Leetcode & GFG**
- 1564 contest rating (highest) on **Leetcode**
- **Gold Elite** in NPTEL Python [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

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 [↗](#)

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**

PROJECTS

DEMETER - THE FARMING ASSISTANT | VIDEO | LIVE | GITHUB

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 | LIVE | GITHUB

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 | LIVE | GITHUB

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** [↗](#)
- **Deployed** the website with a **custom domain** name from **GoDaddy** on **Vercel**
- Designed and created a prototype of **College Management System** web application