Sarvesh Patil

sarvesh2902@gmail.com | +91 9137473145 | LinkedIn - sarvesh2902

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
Leetcode:// sarvesh2902
GFG:// 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**
- **Finalist** at **Nomura Kakushin 7.0** ☒ Hackathon
- **Gold Elite** in **NPTEL Python** ☒ Examination (secured **90%**)
- **Finalist** at **Ethos** Hackathon (IIT Guwahati)

SKILLS

Languages:
C/C++ • JavaScript • Python • Java
Frameworks:
MERN Stack • Next.js • Flask Django • Tailwind CSS
Databases:
MongoDB • Firebase • PostgreSQL
ML Libraries:
Numpy • Pandas • Scikit-Learn Matplotlib
Other tools:
AWS • Git & Github • Vercel • Render VS Code • JupyterNB

EXPERIENCE

PROJECT SWECHHA (BMC) | Software Developer Intern
Jun 2022 - Present | Hybrid, Mumbai
- Built a **portal** for volunteers to **digitally upload data and images** of a Toilet Block which was done manually on paper previously
- Built a **dashboard** for the supervisors and admin to **assess** the data
- Used **Next.js** for frontend, **Node.js** for backend and **AWS** for deployment
- Implemented **downloading dashboard** as PDF and Excel using **JSPDF** and **XSLX**
- Implemented **OTP** Authentication using **Twilio**, **image compression** using **Sharp**
- Used **Google Sheets API** to store the approved data

PROTOHUBS.IO | Full Stack Developer Intern ☒
Aug 2022 - Dec 2022 | Remote
- Used **MongoDB** as database & 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**

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

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**

DIVERSITY PLUS | Github
React.js, Next.js, Node.js, Express.js, MongoDB, Flask, Apex-Charts, SK-Learn
- The platform enables HR Managers to **analyze** the **diversity** of employees in the company using various **charts** and **tables**, **create** new jobs, and **analyze hiring trends** of each job at each level of hiring, as well as **analyze vendors/campuses**
- Implemented **ATS System** and **Candidate Recommendation System**
- Implemented **user authentication**, **real-time dashboard**, **department/position** wise dashboard, and **import/export** employee database feature

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**