SOHAN SHETTY
SOFTWARE DEVELOPER

My Contact

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in sohan-shetty-linkedIn

Technical Skills

- Python
- JavaScript
- TypeScript
- IOT
- Embedded Systems
- Java
- C++

About Me

Dynamic Software Developer with a strong foundation in designing, coding, and debugging software applications. Proven expertise in problem-solving and analytical skills, consistently delivering high-quality solutions. Aiming to leverage technical proficiency to tackle complex real-world challenges and improve user experiences.

Tools and Frameworks

- React
- NextJs
- PostMan
- Git and Github
- Sass
- NodeJs
- Redux
- Supabase
- Docker
- Django
- FastApi
- Express
- Adobe Pr and Ps
- Figma
- Prisma
- Framer Motion
- Tailwind
- CI/CD

Projects

PID system for Inverted Pendulum

Github : https://github.com/sohan9819/Inverted-Pendulum

An inverted pendulum is a classic problem in dynamics and control theory, which involves balancing an unstable vertical pole in an upright position. This project is about balancing the inverted pendulum via implementing PID (proportional-integral-derivative).

Fauxica

Preview : *https://fauxica-bay.vercel.app*
Github : *https://github.com/sohan9819/fauxica*

React e-commerce app with Firebase authentication, Sass styling, Razorpay integration, and React Router DOM for seamless navigation. Framer Motion enhances the user experience with captivating animations.

Diabetic Retinopathy Detection

Project from SPIT Innovation Cup
Github : Source Code Link

Diabetic Retinopathy, caused by diabetes, damages retinal blood vessels. Built an ML model with an ESP32-CAM and lens to capture retinal images and detect the condition.

NotesApp

Preview : *https://notes-app-tuo1.vercel.app*
Github : *https://github.com/sohan9819/notes_app*

Next.js NotesApp with Google, GitHub, and Discord authentication. Built with TypeScript, TRPC, Prisma, and Tailwind CSS. Features Markdown editor using CodeMirror and React-Markdown. Users can create notes and add tags for organization.

AlphaUI

Preview : *https://alpha-dark-ui.netlify.app*
Github : *https://github.com/sohan9819/Alpha-UI*

Comprehensive UI CSS component library designed with a dark theme first approach. Includes essential components for website development, seamlessly integrating into modern interfaces for a visually appealing user experience.

Quizz App

Preview : *https://quizzy-development.firebaseapp.com*
Github : *https://github.com/sohan9819/quizzy*

Fun Quiz Game using React with Google authentication via Firebase. Features 3 difficulty levels, 8 categories to choose from, and 10 questions to answer. Provides an interactive experience with a score out of 10 based on correct answers.
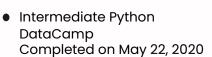
Experience

- **JPMorgan Chase & Co.**
  Software Engineering Intern
  May, 2020

- **International Society of Automation (ISA)**
  SE Coordinator
  2020 - 21

- **Sony India Software Centre (SISC)**
  Software Engineer
  2023 - Currently Working

Achievements

2023   SPIT Innovation Cup Finalist

2023   Semicolons Global Hackathon participant

2024   SPOT Award at Sony

Blogs

- Demystifying JavaScript Variables: var, let, and const

- Curry Functions in Javascript

- JavaScript Closures
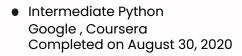
Education Background

- **Vivekanand Education Society's Institute Of Technology (VESIT)**
  B.Tech (Instrumentation Engineering)
  Completed in 2023

- **Mahila Samiti English High School and Jr. College**
  HSC
  Completed in 2019

- **Mahila Samiti English High School and Jr. College**
  SSC
  Completed in 2017

Certifications

- **Advanced Frontend Developer**
  Neog Camp
  6 months bootcamp , 2022

- **Python for Everybody**
  University of Michigan ,
  Coursera
  Completed on July 3, 2020

- **Intermediate Python**
  DataCamp
  Completed on May 22, 2020

- **Intermediate Python**
  Google , Coursera
  Completed on August 30, 2020