

Avinash Sharad Surender Naidu

Frontend - Backend - Full stack

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in Avinash S Naidu 🔄 AvIN27 ➡ Portfolio

📁 Professional Experience

AI Trainer and Developer

Freelance

Oct 2023 - present | Remote

- Contributing to enhancing AI models for coding and application development by reviewing and rectifying responses.
- Providing valuable insights for comprehensive improvement.

Software Developer 1

Optimal Strategix Group, Inc.

Mar 2022 - Aug 2023 | Bengaluru, India

- Worked on resolving multiple bugs and implementing new capabilities on the frontend and backend of OSG's o360 platform, utilizing Angular and SpringBoot technologies.
- Worked on feature design in collaboration with the product team for a notification system that notifies them via email, browser notifications, SMS, and WhatsApp, whenever an activity or timeline is linked to their community. This involved integrating Twilio and its APIs into the application.
- Worked on fixing bugs and adding new features to both the frontend and backend of OSG's o360 platform. Used Angular and SpringBoot technologies for the development.
- Pioneered the automation of data transfer between o360 and Sisense using API integration, which helped in the creation of dynamic dashboards for data visualization.

📁 Projects

Personal (P) & Academic (A)

(P) Another Todo App 📄

Todo List creator with voice recognition

Jul 2023

This project allows the user to create a list of to-dos, either by text or voice. It uses Vue + Vite along with JavaScript.

GitHub Repository: <https://github.com/AvIN27/another-todo-app> 📄

🛠 Skills

Development - Frontend:
(TypeScript, HTML / CSS / SCSS, Tailwind CSS, JavaScript, Bootstrap, RxJs)

Databases: (PostgreSQL, MongoDB)

Collaboration tools: (Jira, Slack, Discord)

Development - Backend: (Java, J2EE, Python, jQuery, REST, Postman, Data Structures & Algorithms)

Frameworks: (SpringBoot, Angular, NodeJS, ChartJS, React.js, Vite, Vue.js)

CI/CD and Automation:
(Jenkins, Python Selenium, Git)

OS: (Linux)

🎓 Education

Bachelor's Degree (BTECH)

BMS Institution of Technology and Management

Aug 2018 - Jul 2022 | Bengaluru, India

Major: Information Science Engineering

Grade: First Class

(P) RecipeDB

Random recipe generator

May 2023

This project utilizes React with JavaScript and Tailwind CSS to create a web application that follows good, minimal design principles. By simply clicking a button, the application can provide a wealth of information on a wide range of dishes.

GitHub Repository: <https://github.com/AviN27/recipeDB> 

(A) Stock price prediction using LSTM

RNN based prediction algorithm

Nov 2021 - Jul 2022

- This project involved the creation of a LSTM recurrent neural network prediction model to produce forecasts for the opening prices of certain stocks (AAPL, AMZN, GOOG, MSFT, TSLA) over the course of 30 days along with a web application to view the data.
- It involved utilizing a dataset of stocks from which the data was preprocessed, the algorithm was trained and tested after which the predictions were made and visualized using Matplotlib and Seaborn on Python.

(A) Mobile Application - "MedTab"

Android application for medication tracking using Java

May 2021 - Aug 2021

- Objective of this project is to create an application that helps a user to keep track of his/her medication. The application consists of the home page where the alarms are displayed and the history page which shows the medicines taken or the ones that are ignored.
- The layout and reminders were created with Android Studio and Java. It's inbuilt database system was used for the storage of data and views of the alarms

(A) ChatBot - "TravelBud"

Automation chatbot for Trivago using Selenium with Python

Sep 2020 - Dec 2020

- This project was based on the concepts of Selenium and its modules with python. Using TripAdvisor as a layout, the chatbot can redirect the user to the specified information as required.

CBSE 12th

MES Indian School

Apr 2017 - Mar 2018 | Doha, Qatar

Subjects: PCM + Computer Science

CBSE 10th

MES Indian School

Apr 2015 - Mar 2016 | Doha, Qatar



Courses

Go Java Full Stack with Spring Boot and Angular

Udemy

Mar 2022

JavaScript Essentials

Udemy

Jul 2021

Mobile application and development in Android

BMSIT, DIGIPIX

Mar 2021

Python from Beginner to Intermediate

Udemy

Sep 2020



Interests

Amateur Keyboardist (Grade 5 - London College of Music)

Singing

Sport Enthusiast

Part of the Toastmasters Intl. fraternity
(Former president of ICC Gavels Club - Doha, Qatar)

Hackathons and Coding

Photography