

# Avinash Naidu

## Software Developer

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🌐 Avinash S Naidu 🔄 AvIN27 🔗 Portfolio

### 📁 Professional Experience

#### AI Trainer and Developer

Freelance - Part time

Oct 2023 – present | Remote

- Contributing to enhancing AI coding and application development models by reviewing and rectifying responses.
- Working on project development and testing.

#### 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) Travel Planner 🔗

Backend application for travel planning using Java with Maven

Feb 2024 – Apr 2024

- This Java application manages travel packages with customizable itineraries, adding destinations and activities. Passengers enroll, sign up for activities, and print itinerary details, streamlining agency operations.

### 🧩 Skills

**Development - Frontend:** – TypeScript, HTML / CSS / SCSS, Tailwind CSS, JavaScript, Bootstrap, RxJs

**Databases:** – PostgreSQL, MongoDB, MySQL

**Collaboration tools:** – Jira, Slack, Discord

**Development - Backend:** – Java, Python, JUnit, REST, Postman, Data Structures & Algorithms, Docker, Basic Networking, APIs

**Frameworks:** – SpringBoot, Angular, Node.js, Chart.js, React.js, Vite, Vue.js, Next.js, Express.js

**Hosting and Automation:** – Python Selenium, Git, Vercel

**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) Portfolio V1

Developer portfolio with React

Sep 2023 – Nov 2023

- This project is my current developer portfolio which includes my achievements, projects, and experience displayed with flair and an attractive yet user-friendly UI.

**GitHub Repository:** <https://github.com/AviN27/portfolio-v1> 

## (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> 

## (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

## 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

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### 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

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Amateur Keyboardist

Singing

Sport Enthusiast

Part of the Toastmasters Intl. fraternity

Hackathons and Coding

Photography