Alok Hegde

Bengaluru, Karnataka |+91 8618601238| alokhegde221@gmail.com | https://github.com/alok1929/
|https://www.linkedin.com/in/alok-hegde-298526204/|

Full-Stack Development | Software Engineering | Python Developer

Full-stack developer with a combination of knowledge and experience in web application development, machine learning, data analysis and sufficient knowledge in DevOps and agile development.
Proven ability to design and write technical specifications and software code, apply current technology to solve technical problems, and ensure system and application performance have been optimised.

EDUCATION

- **Swargarani School —** *10th Std Percentage*: **85.4%**
- **Swargarani PU College —** *12th Std Percentage*: ***84.5%***   **(2020 - 2022)**
- **Global Academy Of Technology**   **(2022 - 2026)**

PROFESSIONAL EXPERIENCE

Fullstack Developer| <mark>Vena Energy</mark>, Bengaluru, Karnataka   **11/2023 – 03/2024**
- I created the entire front and back end from scratch for a contract and warranties page.
- Its functionality included filtering out different plant locations, keeping track of all the plants' contract start date and end dates, and organising the contracts based on their technology (wind, solar, battery).
- *Technology Used*: React, Javascript, Firestore, Nodejs, Expressjs, HTML5, and Tailwindcss.

Freelance Developer | 06/2023 - 07/2023

- Scraped hundreds of posts, their likes, and comments for a LinkedIn influencer with 15k followers, and stored them in an Excel sheet and analysed the data for him using graphs.
- *Technology Used:* BeautifulSoup4, Numpy, pandas, Openpyexcel, and Python3

Frontend Developer | <mark>Dhi Flagship and Innovation Center</mark>, Bengaluru, Karnataka   **12/2022 – 4/2023**
- Understood the client's requirements to create a website to be the middleman between the hospitals and the doctors.
- Hard-coded locations and designations of all the doctors, and created the landing page
- Served as an advocate for clean, scalable, high-performing, and reliable software;
- *Technology Used*: React, HTML5, CSS, and Javascript.

WordPress Intern | <mark>NPOCA</mark>, Bengaluru, Karnataka   **09/2022 – 10/2022**
- Communicated effectively with the website designer and my vertical head to design the entire website using Elementor and WordPress
- *Technology Used*: WordPress, Figma, and Elementor

PROJECTS

Sentimental Analysis using NLTK library

- Read data from around 75 blogging web pages, found negative, positive, the total number of words, and other parameters, and then stored the results in an Excel sheet, using Python, and NLTK library
- *Technology Used*: Python, NLTK Library, Pandas, and Numpy.

Plantodo - A 3D plant that grows when you complete todos

- Spearheaded a todo application that grows a plant whenever you complete at least one self-help todo with a photo of it in a day, and sheds leaves when you don't, to prevent burnout.
- Created the UI using Next js, Shadcn UI and typescript.
- Created a REST API for the todos, and stored the data using a Vercel PostgreSQL database.
- Made the plant animation using Blender and three js. Kept track of the plant growth and todos using NextJS and Shadcn UI library.
- Managed different versions using Git version control and GitHub.
- *Technology Used*: Next js, Shadcn UI, tailwindcss, PostgreSQL, drizzle, three js, typescript

GPS Tracker using Raspberry Pi, Python and HTML

- Gives your longitude and latitude location using a GPS module, sending it to an HTML page.
- *Technology Used*: Python, HTML, Raspberry Pi, Javascript.

Project VibeSetter

- Created a website that would change the colour of the bulb based on the mood and genre of the song
- *Technology Used:* Reactjs, Python flask framework, the Spotify API, and the Wiz Smart Bulb API.

Violence Detection Using Drone

- Trained a model to detect violence using OpenCV, and pandas. Deployed it onto a drone that detects violence when flying
- *Technology Used:* OpenCV, Pandas.

TECHNICAL SKILLS
Languages: JavaScript, Python, Java, C, Typescript
Database: Firestore, PostgreSQL, MySQL
Software/Tools: IntelliJ, Visual Studio Code, Android Studio, Firebase, Linux, Git, Node, ReactJS, Figma, Blender, Arduino C, and AWS.