GOVIND BANGAD

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EDUCATION

Sinhgad College of Engineering (SCOE)   **Aug 2020-Jun 2024**

Bachelor of Technology, E&TC Engineering | **CGPA: 8.92/10**

EXPERIENCE   **IOT**

Developer Intern | AUTOMATE ENGINEERING PVT.LTD   **Feb 2023- April 2023**

- Developed IOT projects using sensors (DHT11, IR, soil moisture, RFID) and Arduino IDE.
- Conducted testing and troubleshooting for IOT systems.
- Collaborated with teams to design and deploy IOT solutions.
- Utilized analytical skills and operating systems proficiency for software validation.
- Demonstrated strong communication and collaboration skills in cross-functional teams.

PROJECTS

MENTAL HEALTH COUNSELLING USING AI   **Aug 2023 - Feb 2024**

- Engineered an AI-powered chatbot leveraging sentiment analysis for real-time emotion assessment. Integrated PHQ-9 and GAD-7 assessments using Flask, HTML, CSS, and JavaScript to create an intuitive user interface. Demonstrated proficiency in AI chatbot development, sentiment analysis, Flask framework, frontend web technologies, and meticulous testing to ensure reliability and functionality.

AI - BASED DISCORD BOT   **Feb 2024 – Mar 2024**

- An AI-based Discord bot created using REPLIT. It utilizes generative AI technology, likely based on the GPT-3.5 architecture. This bot is designed to interact with users on the Discord platform, generating responses and content using advanced natural language processing.

FLIGHT FARE PREDICTION USING MACHINE LEARNING   **Oct 2023**

- This project aims to predict ticket prices for upcoming flights to help customers in selecting optimum time for travel and the cheapest flight to the desired location. A random forest regression model is applied to forecast the flight prices.

IOT BASED GREENHOUSE INTERFACED WITH BLYNK: INTERNSHIP   **Feb 2023- Apr 2023**

- IOT based greenhouse using various sensors like dht11, IR, soil moisture to monitor various factors like temperature, water content and control them using BLYNK cloud platform.

SKILLS

- **Programming Languages:** Python, Java, SQL, HTML, CSS, JavaScript
- **Frameworks and Technologies:** AWS
- **Tools and Platforms:** GitHub, Microsoft Power BI, Google Sheet, Microsoft Office

CERTIFICATIONS

- AWS Certified Cloud Practitioner– (**Offered by Amazon Web Services**)

EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

- AISSMS HACKATHON BY BRAINOVISION – Semi-Finalist , Oct-2022
- IEEE SENSORS COUNCIL PUNE CHAPTER LETTER OF APPRECIATION – for completion of my final year sponsored project by IEEE, Apr-2024
- 5th STATE LEVEL INTER COLLEGIATE VISHWANATH SPORTS MEET (MIT) - Semi-finalist of football sport, Feb - 2023
- FOOTBALL TEAM CAPTAIN IN HIGH SCHOOL - led the team as captain, overseeing strategy developing and fostering teamwork.