POOJA DESHMUKH

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Work Experience

PDRL | *Jr.Software Developer* | **Android, Python** | *Dec 2023-Present*

Python Development:

- Engineered Python-based tools for analyzing drone flight logs, automating data extraction from CSV and JSON, reducing manual analysis time and enhancing data accuracy

Contributed to **Android development** for various projects:

- **AeroGCS Green App**: Enhanced UI responsiveness of AeroGCS Green App and resolved critical Crashlytics issues, resulting in reduction in crash incidents. crafted UI using advanced layout techniques; implemented Localization for multilingual support in Kannada, Tamil, and Telugu.
- **Bhumeet Pilot App and Bhumeet User App**: Created UI, integrated APIs, resolved Crashlytics issues, and worked on language support.

EDUCATION

SNJB'S KBJ College of Engineering,(6th Rank in SPPU APR/MAY 23) Chandwad   **2020 - 2023**
Bachelor of Engineering (B.E) in Computer Science and Engineering (CGPA of 9.73)   *Chandwad , India*

SHHJB Polytechnic Chandwad   **2017 - 2020**
Diploma in Computer Technology (Per 91.77)   *Chandwad , India*

TECHNICAL SKILLS

- **Languages**: Python, Java, C++(Basics)
- **Web Developement** : HTML, CSS, Bootstrap, javascript, PHP
- **Technologies/Frameworks:Android Development, Spring, Node.js Basics, Flask Basics**
- **Libraries**: Numpy, Pandas, matplotlib, ,sklearn
- **Other**: Data Structures and Algorithms, Machine Learning, NLP, Data Science Using Python

ACHIEVEMENTS

- **2nd Winner - Codebreak 4.0 Hackathon 2023** MIT ADT Pune
  - Prize: 25000 Rs **Project Link**
- **Copyright**   Voice Asssiatnt and Chatbot Project
- **Google Cloud Facilitaor Program 2020 :**   Earn Swags and Completed Labs and Skill Badges

PROJECTS

Project 1 | *Voice Assistant and Chatbot for college information* | Project Link

- * Build a Python-based chatbot employing NLP, ML DL techniques, managing static and dynamic inquiries through JSON intents and web scraping from snjb.org, encompassing text and image extraction with 90 accuracy.
- * Designed an innovative voice assistant (SNJBia Device) utilizing Raspberry Pi and speaker, facilitating interactive voice commands and fusing chatbot functionality for over 80 user engagement increase in text and speech interactions.

Project 2 | *Java Application for Accessing Wi-Fi Details (Codebreak 4.O Hackathon Winner)* | Project Link

- * Used core, advanced Java concepts to create an application that interacts with the operating system to retrieve router details and also get Strength of network between 0 to 100.

Project 3 | *Library Management System* | Project Link | Java, Spring Boot, Hibernate, and SQL

- * featuring a range of APIs, including student management and library book operations like Add Student, Delete Student, Cretate Libaray Card, Add Author , Add Book, Issue Book.

Project 4 | *Book Recommender SystemHTML, CSS, Bootsrtap, integrated with Flask for data Processing.* |

Project 5 | *Smart Doormat* | Project Link

- * PIR sensor for motion detection to identify human presence at the door, triggering LED blinking and buzzer for 3 sec.
- * Integrated a HC-05 to receive text messages from a smartphone, displaying notifications on the 2 by 16 LCD to indicate the user's availability.

Project 6 | *Restaurant Website* | Project Link | HTML, CSS, and Bootstrap for the frontend, and backend with PHP

Project 7 |**Web Based Examination System** |Frontend : HTML, CSS, Bootstrap and Backend : PHP.

INTERNSHIP AND TRAININGS

- Sunanda Infothech, Nashik (Android Developer)

- Internship at SNJB College : IOT   Developed: Smart Doormat Project

- Employability Skill Develeopment(ESD):   Zensar Technologies Oracle, Aptitude, Communication Skill

- **Full Stack Developement(Supercoders)** CodeQuotient

PUBLICATIONS

∗ A Voice Assistant Domain Specific Standalone System for College Information(Idustrial Engineering Journal)

∗ Survey Paper on Fake News Detection   ICRTET-21 (IFERP Publication)

∗ Web Based Examination System   HBRP Publication

PROFILE LINKS : LeetCode, Hackerrank,GitHub