

# Sandeep Malviya

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## PROFILE

Dedicated **Software Developer** and **Data Science Enthusiast** with 2+ years of experience, passionate about leveraging technology to streamline processes and enhance efficiency. Proven expertise supporting mission-critical deployments across AWS, GCP, and CI/CD pipelines. Skilled in product design, data analysis, and machine learning model development, focusing on turning data into actionable insights. Adept at fostering team collaboration and ensuring seamless software delivery.

## EDUCATION & QUALIFICATIONS

### The University of Exeter - Master's Degree in Data Science

2024 – 2025

- Building a strong data analysis and modelling foundation through hands-on experience and theoretical understanding.
- Proficient in using diverse statistical methods and machine learning tools to extract insights and identify patterns in large datasets.

### Savitribai Phule Pune University - Bachelor's Degree in Computer Science

2017 - 2022

- Gained practical experience in software development with a solid understanding of the software development lifecycle, including planning, implementation, and testing.
- Successfully implemented a machine learning project using a Convolutional Neural Network (CNN) to accurately recognize hand gestures.

## WORK EXPERIENCE

### Software Developer Intern | BringTheFood

Sept 2024

- Assisted in the development and testing of applications
- Completed 70 hours of work and published 30+ applications on App / Play Store

### Software Engineer | Marbles Health

Dec 2022 to Aug 2024

India's first and only portable, non-invasive brain stimulation device for the treatment of depression.

- Designed and developed innovative BLE and MQTT-based software solutions for wearable devices, enabling seamless communication with mobile applications.
- Integrated APIs to access and process real-time medical data, delivering personalised insights and enhancing user experience.
- Conducted rigorous testing and optimisation to ensure high performance, reliability, and compliance with industry standards, leading to a successful app launch on the App Store and Play Store.

### Software Development Engineer (Level 2) | Novo Cabs Private Limited

Sep 2021 to Oct 2023

Startup company dealing with Cab booking in Srinagar, India region.

- Led the design and development of a visually appealing, intuitive user interface for iOS and Android platforms, ensuring a seamless user experience.
- Implemented data synchronisation with MQTT, providing driver with customer live locations.

- Integrated APIs for payment processing, route optimisation, and additional functions.
- Ensured compliance with Apple and Google performance standards, leading to successful launch on the App Store and Play Store

## VOLUNTEER

- Led a Python workshop for the ExCode event at the University of Exeter, delivering a 7-week program to a class of 30 students..

## LANGUAGES

- Proficient in **English**
- Native speaker of **Hindi**

## Skills

- Flutter
- Python
- Data structures and algorithms
- Matplotlib
- AWS
- GCP
- Git
- Adobe XD
- Figma
- Restful APIs
- MongoDB
- Firebase
- Photoshop

## INTERESTS

- Enjoy exploring new places and learning about different cultures.
- Passionate about reading books.

## INTERESTS

- Motivated to gain experience and explore new opportunities
- Ready for immediate interviews and joining.