

# UJVAL MADHUKAR BOROLE

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## Work Experience

### Aapliweb | Software Development Intern

Sep'2022 - Dec'2022

- Successfully enhanced **innovative module integration** and **modernized database restructuring**.
- Developed a **PHP fertilizer sales app** and transformed it into an **Android application using cutting-edge Android tools**.

## Projects

### Fingerprint Authentication System:

Sep'2022 – Apr'2023

- Engineered **OpenCV-powered ML model** achieving **80% accuracy** discerning genuine from **altered fingerprints**, seamlessly **integrated into Django** for enhanced UI.
- Devised advanced **SIFT Algorithm** to ensure robust and **efficient fingerprint recognition**.

### ToMany – Ecommerce Application to sell electric devices:

Jan'2023 – Feb'2023

- Developed comprehensive **Ecommerce App** for Electronic devices with **Python-Django backend** and **Dart-Flutter Android UI**, featuring **Admin and Buyer modules**.
- Implemented intelligent **rank-based product recommendations** for enhanced user experience.

### ToMany – Ecommerce Website to sell electric devices:

Aug'2022 – Oct'2022

- Constructed **dynamic Ecommerce platform** for Electronic devices with **Python-Django**, encompassing **Admin and Buyer modules**.
- Seamlessly integrated **rank-based product recommendations** and streamlined **Payment Integration** via **PhonePe**.

### Voice-Assistant using Chatgpt:

Jan'2023 – Ju'2023

- Engineered AI chat assistant in Flutter, seamlessly utilizing **ChatGPT and DALL-E APIs** for **dynamic query responses**.
- Empowered users with **text and image-based information** retrieval, enhancing interactive experience.

## Skills

- **Programming Languages:** Python,C++,Dart.
- **Web Development:** HTML5,CSS3,JavaScript,JQuery.
- **Databases:** MySQL,SQLite,SQL .
- **Framework and Tools:** Django,Flutter,Bootstrap5.
- **Others:** Firebase,GitHub.

## Academic and Extracurricular Achievements

- Excelled in 2022 **Smart India Hackathon**, crafting **Hospital Bed Management System**, securing in **top 15** college ranking.
- Engaged as a Web Designer in College Milestone, creating captivating **Wildlife website**.
- Successfully published Fingerprint Authentication System research paper on [www.irjmets.com](http://www.irjmets.com).
- Attained **4-star** rank on **HackerRank**, held **8<sup>th</sup>** rank on **GeeksForGeeks**, and solved **100+ LeetCode** problems

## Education

### Shram Sadhana College of Engineering,Jalgaon,India

2021 - 2024

- Bachelor of Computer Engineering | CGPA: **8.82/10**

### J T Mahajan Polytechnic,Faizpur,India

2018 – 2021

- Diploma in Mechanical Engineering, *Aggregate:91.74%*