

# Ganesh Arwat

📞 7039834218 ✉ [ganesharwat123@gmail.com](mailto:ganesharwat123@gmail.com)  [linkedin.com/in/ganesh-arwat-489a9a222/](https://www.linkedin.com/in/ganesh-arwat-489a9a222/)

## Technical Skills

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**Languages and DataBases:** Html, Css, Bootstrap, Javascript, jQuery, React, PHP, CodeIgniter, Laravel, Python, MySQL

**Other Skills:** Api Integration, Linux

## Experience

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### ITD SERVICES PVT LTD

May 2022 – July 2024

*JR. Software Developer*

*Mumbai, India*

- **Developed a PDF generation module** to export application data into downloadable documents, using **TCPDF, FPDF** PHP libraries compatible with the **CodeIgniter** framework.
- Developed and maintained **components of web applications** using **PHP** and the **CodeIgniter** framework.
- **Designed and implemented database schemas and queries** for efficient data storage and retrieval using **MySQL**.
- Participated in **code reviews, debugging, and troubleshooting** to ensure the quality and performance of software applications.
- Completed assigned **tasks and projects within specified timelines** and demonstrated flexibility in adapting to changing project requirements.
- Played a **key role in assisting and coordinating with team members**, ensuring smooth project execution and **timely delivery of tasks**.
- Stayed updated with the **latest technologies and best practices in web development** to continuously improve skills and contribute to project success.

## Projects

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### Blind Assistant

**Language of Implementation:** Python, OpenCV, C#, Google Assistant Api

**Type:** IoT

**Operating System:** Raspbian (Linux-based)

#### Description:

- Created a **complete navigation system** for visually impaired individuals using **low-cost, physically unobtrusive sensors** (e.g., ultrasonic sensor).
- Enables **independent walking** without assistance by leveraging **IoT technology**.
- Provides **obstacle detection** for hazards that a cane might miss, including low-hanging objects like signs or tree branches.
- Features **emergency location alerts** and additional functionalities to support autonomous movement.
- Designed to help visually impaired individuals **walk independently and safely** in various environments.
- **Selected as one of the top 100 innovative projects in Mumbai** in the **Ciia Competition** ([Reference](#)).

## Licenses & Certification

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### Meta Front-End Developer Professional Certificate

Issued at **Sep 2024**

Issued by Meta

Credential ID: GDZ5REGH09Z0

## Education

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### Mumbai University

**Aug 2019 – April 2022**

*Bachelor of Science in Information Technology*

*Mumbai, Maharashtra*

- **CGPI:** 9.45
- **Secured First Rank** in program

### Scaler

**May 2024 – Present**

*Specialized in Software Development & Problem Solving*