

Dipali Chandele

Full Stack Developer

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Work Experience

Full Stack Developer Intern- Koyal Technologies LLP

2024 - 2025

- Contributed to the **TMC project**, a tax management system for the State of Oklahoma, supporting different counties including **Canadian, Logan, and Tulsa** across modules like **bookkeeping, taxation, apportionment, shared lists, and administration**.
- Worked on the **Bookkeeping (General Ledger, Miscellaneous Receipts, Warrants, Official Depository)** and **Shared List** modules, focusing mainly on **frontend development with partial backend involvement**.
- Tech stack:** Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL for backend and API development; Thymeleaf/React for frontend integration.
- Followed **Agile practices** using Jira and Azure DevOps; used **GitHub** for version control and **Docker** for containerized development and deployments.

Web Development Intern - Bitlanch Tech Hub Pvt. Ltd.

Mar'20 - Apr'20

- Independently developed a Restaurant management system website using web development technologies such as HTML , CSS, Javascript and python framework Django.
- It has a simple interface for users and handles tasks like managing menus , processing orders , and reservations.

Technical Skills

Frontend Technologies : Vue.js, React.js, **JavaScript (ES6+)**, HTML5, CSS3, Tailwind CSS

Backend Technologies : Java, **Spring Boot**, **Spring MVC**, **Spring Data JPA**, **Hibernate**, **RESTful APIs**, **Microservices**

Database Management : MySQL, PostgreSQL, MongoDB

Containerization & CI/CD : Docker, **Azure DevOps**

Version Control Systems : Git, GitHub

Projects

Nayaan - An AI Companion designed for Visually Impaired and Blind People (Patented) ([LIVE](#))

- The project focuses on implementing Optical Character Recognition (OCR) and Object Detection functionalities.
- Worked on OCR Engine , hardware integration and frontend development in this project.
- Conducted requirement analysis with 50+ blind students and faculties.
- Tech Stack :** Tensorflow , paddleOCR , gTTS , NLP

CampusFlow – Student CRUD System

- Add new students
- Update student details
- Delete student
- View all students
- Search by name/department
- Tech Stack:** Spring Boot, Spring MVC, Spring Data JPA, MySQL, REST + Postman

Swadishto - A Food Ordering Web App

- Browse restaurants and menus with search filters and update cart items in real-time.
- Instant cart updates using React hooks without page reload.
- Clean UI optimized for all screen sizes with smooth interactions.
- Tech Stack:** React, JavaScript, Tailwind CSS, Mock API, React Hooks.

Education

Government College of Engineering, Amravati

2021 - 2024

- Btech in Information Technology | CGPA: 8.09*

Government Polytechnic, Amravati

2018 - 2021

- Diploma in Computer Science | Percentage: 96.11%*

Holy Cross, Amravati

2017 - 2018

- MSBSHSE (Class X), Percentage : 94.4%*

Patents & Publications

Patent : Nayaan – An AI Companion Device for Visually Impaired and Blind People (**Application Number** : 202321065172)

Publication : An AI Companion for Blind and Visually Impaired People for Sustainable Development and Creating a Supportive Ecosystem in Society, ICT4SD International Conference 2024 – Springer [https://doi.org/10.1007/978-981-97-9523-9_38]

Achievements & Leadership

- Winner** – District Innovation Challenge (**₹1 Lakh**), Maharashtra State Innovation Society.
- Secured top ranks at BharatCon24 (1st Runner Up), E-Sammelan (1st), TiE Nagpur (2nd Runner Up), and CIIA-3 Exhibition (Top 100).
- Lila Poonawalla Foundation Scholarship recipient.
- Held leadership roles as Gymkhana Hobby Secretary & Class Representative at GCOEA

2022 – 2024