

HARSHAL AGLAWE

Nagpur, Maharashtra

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LinkedIn

Github

👤 Portfolio

EDUCATION

St. Vincent Pallotti College of Engineering and Technology

2022 – Present

B.Tech - Information Technology | CGPA : 8.54

Nagpur, Maharashtra

Balaji Junior College, Butibori

2020 - 2022

Senior Secondary (HSC) | Percentage : 84.67%

Butibori, Nagpur

TECHNICAL SKILLS

Languages: C, C++, Java

Technologies/Frameworks: HTML, CSS, JavaScript, ReactJS, NodeJS, Express, Bootstrap, Tailwind, Material UI

Developer tools: Git, GitHub, Postman

INTERNSHIP

MERN Stack Intern at IDEVIFY Solutions Pvt Ltd | React.js, Node.js

June 2025 – Present

- Collaborated with a cross-functional team to build and deploy 3+ full-stack features using the MERN stack.
- Delivered responsive frontends using React and Tailwind CSS load speed by 25%.

AI Project Intern at JSW Steel Coated Products Ltd

Jan 2025 – May 2025

- Developed a real-time AI surveillance system using **YOLOv8**, achieving 50% PPE detection accuracy.
- Labeled and annotated datasets with **Roboflow** and integrated **SMTP** email alerts for admin notifications.
- Applied **AI/ML techniques** for real-time monitoring, improving safety and reducing manual supervision.

PROJECTS

Ownbills - Billing System for House Owners ↗ | MERN Stack, Tailwind CSS, Material UI Present

Description:- Ownbills is a full-stack utility billing platform designed to digitize electricity meter tracking and automate bill generation for rental homes. It provides role-based dashboards for homeowners, tenants, and admins, enabling efficient and transparent management of billing and meter readings.

Role and Responsibilities on Ownbills Project:-

- Enabled homeowners to record meter readings and generate bills with **jsPDF**, allowing tenants to download.
- Implemented secure user authentication and role-based access using **JWT and bcrypt**.
- Added password reset via secure **email links** to enhance account recovery and user experience.
- Digitized and automated billing processes to improve accuracy by 80% and reduce human errors.
- Managed REST API testing with **Postman** and used **GitHub** for version control and collaboration.
- Ensured mobile responsiveness and consistent UI using Tailwind CSS and **Material UI**.

Digitized and automated billing processes improved accuracy, transparency, and user experience across homeowners, tenants, and admin roles, reducing manual errors and providing instant digital access.

ExpenseEase - Expense Tracker Web App ↗

2024

Tech Stack: React, Node.js, Express.js, MongoDB, Tailwind, Axios, JWT, bcrypt.js, Nodemailer, react-hot-toast

- Designed a modern, responsive UI for seamless expense tracking and budget management.
- Built secure backend services with Express and JWT for authentication and bcrypt for credential protection.
- Enabled OTP-based email verification and real-time user feedback through toast notifications.
- Delivered full CRUD functionality and maintained version control through collaborative GitHub workflows.

CERTIFICATIONS

* Programming in Java - NPTEL

* Programming, Data Structures and Algorithms using Python - NPTEL

* ICP-6.0 (MERN Stack Development) ↗ - Road to Code

EXTRACURRICULAR

* National Service Scheme(NSS) Volunteers from Apr'2023 to May'2025

* Unnat Bharat Abhiyan(UBA) Member from Sep'2023 – Present