# Vishal Kadalagi

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## Education

**KLE Technological University's Dr. M. S. Sheshgiri Campus, Belagavi** **2023 – 2026**
*Bachelor of Engineering – Computer Science & Engineering* *CGPA: 7.91 / 10.0*

**Motichand Lengade Bharatesh Polytechnic, Belagavi** **2021 – 2023**
*Diploma – Computer Science* *CGPA: 8.89 / 10.0*

## Technical Skills

**Programming Languages:** Java, Python, C, SQL

**Web & Mobile Development:** React.js, Next.js, React Native, Expo, JavaScript, TypeScript, HTML, CSS, Tailwind CSS

**AI & Machine Learning (Foundations):** Machine Learning Basics, NLP Pipelines, Model Evaluation, Data Preprocessing, Gemini API

**Database & Backend Systems:** Node.js, Express.js, Firebase (Firestore, Auth), MySQL, PostgreSQL, REST APIs

**Tools & Methodologies:** Git, GitHub, Postman, Linux, Software Testing (Boundary Value, Regression), Agile/Scrum

## Professional Experience

**Full Stack Development Intern | PlayTech** **Feb 2026 – May 2026**
*Belagavi, Karnataka* Project Proof

- Built backend and frontend features for **YatraSetu**, supporting user login, booking, and trip updates.
- Designed simple database schemas and user roles (Traveler, Manager, Admin) to keep user data secure.
- Connected real-time status updates using Socket.io and added payment verification using Razorpay webhooks.
- Tested application routes using Postman and fixed defects to ensure reliable system performance.

***Tech Stack:*** React.js, Next.js, Node.js, Express.js, Firebase (Firestore, Auth), Socket.io, REST APIs

## Technical Projects

**Chanakya Yuvak Mandal – Heritage Portal & Mobile Admin Suite** Live Website

- Developed a dual-language (English and Kannada) heritage web application and mobile administration portal.
- Built financial modules to track member collections, public donations, equipment rentals, and annual statements.
- Integrated biometrics (fingerprint/PIN), cloud data backup, and instant 1-click PDF receipt generation for WhatsApp.

***Tech Stack:*** React, Next.js, React Native (Expo), TypeScript, Firebase (Firestore, Auth), PDF Engine

**Podcast Summarization System with Translation & PDF Report Generation** GitHub

- Engineered an automated media processing service in Python/Flask integrating transcription (Whisper) and summarization (BART).
- Implemented error-handling routines and async API endpoints, ensuring reliable payload execution and exportable PDF reporting.
- Built multi-language translation support to convert audio summaries into clean text briefs for faster content consumption.

***Tech Stack:*** Python, Flask, OpenAI Whisper, Hugging Face BART, RESTful APIs, ReportLab

**Rural Healthcare – Consultation Platform & Clinic Assistant** GitHub

- Built a web platform that helps rural patients enter symptoms easily and schedule online doctor appointments.
- Integrated the Gemini API to organize patient symptom notes into structured summaries for medical consultations.
- Stored patient records and appointment schedules securely using Firebase Firestore cloud database.

***Tech Stack:*** React.js, TypeScript, Gemini API, Firebase (Firestore, Auth), REST APIs

## Certifications & Achievements

- **Software Testing** – NPTEL (IIT Madras & IIIT Bangalore) **November 2025**
- **Introduction to Machine Learning** – NPTEL (IIT Kharagpur) **September 2024**
- **Introduction to Artificial Intelligence** – Infosys Springboard **May 2025**
- **Research Publication:** Presented paper on machine learning detection systems at IEEE/ICPEIS 2025, NIT Uttarakhand.