# Parimal Shinde

Nashik, Maharashtra

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## EDUCATION

**K.K. Wagh College of Engineering Education and Research,Nashik**          **2021 − 2025**
*B.E. in Artificial Intelligence and Data Science - **CGPA** - **8.15***          *Nashik, Maharashtra*

**Gokhale Education Society's Arts,Commerce and Science College,Nashik**          **2018 − 2020**
*HSC - % - **71.38***          *Nashik, Maharashtra*

**K.N.Kela High School ,Nashik**          **2017 − 2018**
*SSC- % - **90.80***          *Nashik, Maharashtra*

## EXPERIENCE

**Machine Learning Intern at Cognifront Technologies Pvt. Ltd**          **Dec 2023 - Jan 2024**
*Role - Machine Learning Developer (Remote)*

- Assisted in developing and training ML models using Python, NumPy, Pandas, and frameworks like Scikit-learn and TensorFlow.
- Handled structured and unstructured data—performed cleaning, preprocessing, and applied regression, classification, and clustering.
- Collaborated on AI/ML projects, explored Generative AI platforms, and optimized model performance using evaluation techniques.

**Technocraft Solutions— Nashik**          **July 2024 - Dec 2024**
*Role - Frontend Developer Intern and Trainee*

- Collaborated with front-end and back-end developers and designers to build scalable web applications using JavaScript, React.js, and Bootstrap based on client specifications.
- Integrated REST APIs and databases like MongoDB and MySQL into front-end components for full-stack functionality.
- Used Git and GitHub for version control while writing reusable, clean, and optimized code for performance across browsers.

## PROJECTS

**Automated CI/CD Pipeline for E-Commerce Application** | github, Jenkins, Maven, Tomcat          **2025**

- Configured Jenkins CI/CD pipeline to auto-trigger builds on GitHub commits for e-commerce application.
- Used Maven with `clean install` goals in Jenkins to build , generate deployable artifacts.
- Automated deployment of build artifacts to Apache Tomcat using Jenkins post-build actions.

**Book Store App** | JavaScript,React.js,MongoDB,Express.js,Node.js          **2024**

- Developed a full-stack bookstore application with user authentication and book management using React, Express, and MongoDB.
- Designed a responsive front-end with CSS, ensuring seamless navigation and an interactive user experience
- Implemented secure authentication, API routes, and database models for efficient data management and real-time updates.

**Emotion Detection System** | Python, Flask, TensorFlow, Librosa, HuggingFace          **2025**

- Developed an AI-based system for real-time speech emotion recognition using CNN and audio features such as MFCC, Chroma, and Spectral Contrast.
- Integrated speaker diarization using transformer models and clustering to handle multi-speaker audio with accurate emotion attribution.
- Built a user-friendly Flask web interface allowing users to upload audio and visualize predicted emotions with speaker segments and confidence scores.

## TECHNICAL SKILLS

**Cloud and Devops:** AWS (EC2, S3, IAM, VPC, Route 53, Load Balancer, Auto Scaling, CloudWatch, CloudTrail, CodePipeline, CodeBuild, CodeDeploy),Jenkins,Tomcat,Maven
**Languages and Frameworks:** JavaScript, Python, C/C++, React.js, Node.js
**Tools and Databases:** Git, GitHub, MySQL, MongoDB, Bootstrap, Jupyter Notebook
**Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib