Harshad Nana Shinde

B.E. Artificial Intelligence & Data Science (2025)
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Profile

Motivated engineering graduate with strong programming skills in Java, C, C++, Python, and SQL. Experienced in front-end (HTML, CSS, Bootstrap, JavaScript/React beginner), Android development, MySQL, Spring Boot, RESTful API development, and collaborative projects using Git/GitHub. Passionate about AI, Machine Learning, and full-stack development, aiming to deliver scalable software solutions.

Technical Skills

- Languages: Java, C, C++, Python, JavaScript

- Frameworks/Libraries: Spring, Spring Boot, Hibernate, JPA, Flask, Pandas, NumPy, Matplotlib

- Web: HTML5, CSS3, Bootstrap,Tailwind CSS, Material UI, React (Beginner)

- Android: Java (Android Studio), XML, Firebase

- Databases: MySQL, PostgreSQL

- Tools: Git, GitHub, IntelliJ IDEA, Android Studio, VS Code, Jupyter Notebook

Education

DYPCOEI, Talegaon	2025
B.E. Artificial Intelligence & Data Science	CGPA: 7.71
Vidya Pratishthan's ASC College, Baramati	2021
12th Science (PCMB)	87.67%
Shree Ganesh Vidhyalay, Pimpalner	2019
10th State Board	79.40%

Projects

AI Assistant Doctor (Final Year Project)
Python, Flask, HTML, CSS, JavaScript, MySQL, NLP
GitHub: github.com/Harshads2405/BE_Project

- Built ML models to predict diseases based on user symptoms and provide treatment recommendations.

- Integrated Android app with Flask backend using REST APIs.

- Applied NLP techniques for accurate symptom query understanding.

Library Management System
JSP, Java Servlets, MVC
GitHub: github.com/Harshads2405/Library-Management-System

- Implemented book management with authentication, borrowing/returning, and admin dashboard.

- Designed using MVC architecture for modularity and maintainability.

Online Feedback System
HTML, CSS, Java, Servlets (MVC)
GitHub: github.com/Harshads2405/Feedback_System

- Built feedback platform with secure login and submission.

- Added analytics dashboard to track trends.

Employee Leave Application System
JSP, JSTL, Java Servlets, MVC

- Role-based leave management portal with request, approval, and tracking.

Full Stack E-Commerce Website (Ongoing)
Java, Spring Boot, REST APIs, MySQL, HTML, CSS, JavaScript, React
Frontend: github.com/Harshads2405/E-commerce-Frontend — Backend: github.com/Harshads2405/E-commerce-Backend

- Developed full-stack e-commerce platform with catalog, cart, and secure checkout.

- Implemented authentication, role-based access, and order management.

- Responsive front-end with beginner React components.

Experience / Internships

Java Full Stack — Archer Infotech — Trainee   Jan 2024 – Present
Training in Java Core, JDBC, Servlets, JSP, Spring Boot, REST APIs, ReactJS.
Data Science — Skill Vertex — Intern   Jan 2024 – Mar 2024
Worked on Python, SQL, Statistics, Data Preprocessing, ML basics, and EDA projects.

Research Publications

Machine Learning in Healthcare: Developing an AI Assistant Doctor
IJSREM, Vol. 08, Issue 11, 2024. DOI: 10.55041/IJSREM38474
AI-Assisted Creativity: Balancing Innovation and Authenticity
IJACECT, Vol. 14, Issue 01, 2025.
Archives: journals.mriindia.com
Intelligent Medication Recommendation Systems
IJACECT, Vol. 14, Issue 01, 2025.
Archives: journals.mriindia.com

Achievements / Certifications

Copyright Registration – Government of India   Certificate No.: LD-20250167048
Issued by Registrar of Copyrights, 24 June 2025
Work: *"Machine Learning in Healthcare: Developing an AI Assistant Doctor for Symptom-Based Disease Prediction"*
Authors: Dr. Dipannita Mondal, Sarang Baghele, Pratham Kadam, Harshad Nana Shinde, Darshan Thengal
Description: Comprehensive healthcare system offering disease diagnosis, preventive measures, drug recommendations, nutritional guidance, and personalized treatment support.
GitHub: github.com/Harshads2405/Copyright-Registration-Government-of-India

Coding Competition
Secured 3rd place in a college-level coding competition.

Sports Achievement
Won the college-level cricket tournament as part of the team, demonstrating leadership and teamwork.

Extra-Curricular / Interests

Gardening, Farming, Cooking, Sports, Movies, Swimming, Traveling