

# Harshada Mundwadkar

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## OBJECTIVE

Computer Science undergraduate with hands-on experience in full-stack development, AI, and cloud tools. Experienced in building and deploying end-to-end applications while collaborating in diverse technical teams. Seeking an opportunity at a product-driven company to apply strong engineering and collaboration skills.

## EDUCATION

<b>Jawaharlal Nehru Engineering College</b> <i>B.Tech in Computer Science and Engineering, CGPA: 8.93</i>	Sambhajinagar, Maharashtra 2023 – 2026
<b>Jijamata College of Arts and Science</b> <i>HSC (12th Grade), 84%</i>	Sambhajinagar, Maharashtra 2020 – 2022
<b>Sane Guruji Vidyalaya</b> <i>SSC (10th Grade), 90.60%</i>	Sambhajinagar, Maharashtra 2019 – 2020

## RELEVANT COURSEWORK

Data Structures and Algorithms, Operating Systems, DBMS, Computer Networks, Communication Skills, Object-Oriented Programming

## EXPERIENCE

<b>AI Intern – Suvidha Foundation (Remote)</b>	<i>Jun 2025 – Present</i>
<ul style="list-style-type: none"><li>Built and deployed text summarization models using Pegasus, BART, and T5.</li><li>Developed machine learning pipelines for classification and NLP-based predictions using Python and HuggingFace Transformers.</li><li>Submitted AI tasks bi-weekly, focusing on optimization, performance testing, and cloud-hosted deployment practices.</li><li>Participated in a fundraising and financial literacy task post-AI submission; conducted donor outreach, communication-based research, and concept pitching to improve persuasive communication and financial understanding.</li><li>Practiced code quality, collaborative Git workflows and consistent delivery values with product-focused</li></ul>	

## TECHNICAL SKILLS

**Languages:** C, Java, Python, R, Bash  
**Web Development:** HTML5, CSS3, JavaScript, React.js, Node.js, Express.js, JSP, Servlet, WordPress  
**Mobile Development:** Java, XML, Android Studio, Firebase  
**Databases:** MySQL, MongoDB, SQLite, Firebase Realtime DB  
**Cloud & DevOps:** AWS, Microsoft Azure, Docker, Cloudinary, Git, GitHub, Git CLI  
**AI & Data Science:** Pandas, NumPy, scikit-learn, HuggingFace Transformers, OpenCV, Matplotlib, Regression Models  
**Cybersecurity & Networking:** Kali Linux, Nmap, Metasploit (msfconsole)  
**Tools & IDEs:** VS Code, IntelliJ IDEA, PyCharm, Jupyter Notebook, Postman  
**UI/UX & BI Tools:** Figma, Canva, Power BI  
**Operating Systems:** Windows, Linux (Ubuntu, Kali), macOS  
**Professional Skills:** Communication, Leadership, Collaboration, Critical Thinking, Fast Learning

## CERTIFICATIONS

<b>RDBMS PostgreSQL</b> — Spoken Tutorial, IIT Bombay	Certificate Link
<b>PHP and MySQL</b> — Spoken Tutorial, IIT Bombay	Certificate Link
<b>Bootstrap</b> — Spoken Tutorial, IIT Bombay	Certificate Link
<b>Python</b> — Spoken Tutorial, IIT Bombay	Certificate Link
<b>Java</b> — Spoken Tutorial, IIT Bombay	Certificate Link
<b>DBMS</b> — NPTEL Certified by IIT Instructor	Certificate Link
<b>AWS Educate Badges (Cloud, ML)</b> — AWS via Credly	Credly Profile
<b>GenAI-Powered Data Analytics</b> – Tata Forage (Aug 2025)	Forage Profile
<b>Solutions Architecture Simulation</b> – AWS Forage (Aug 2025)	Forage Profile
<b>Frontend Engineering Simulation</b> – Skyscanner Forage (Aug 2025)	Forage Profile
<b>Developer and Tech Simulation</b> – Accenture Forage (Aug 2025)	Forage Profile
<b>Skill Development Course</b> – Tech Mahindra Naandi Foundation (July 2025)	Certificate Link

## PROJECTS

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- Online Code Compiler** — JavaScript, Node.js, JAGS API 2025 – Present
- Built a multi-language compiler that runs code via **JAGS API** in real time to support learners who struggled with online IDEs.
  - Designed and implemented the full **front-end** and **back-end** with user-friendly error messages and live feedback.
  - Deployed a tool now widely used by students to test code without IDE setup barriers.
- Video Summarizer (YouTube AI Clone)** — Flask, MySQL, HuggingFace, Graphviz 2025 – Present
- Built an **AI-powered** web app that allows users to **upload educational videos** and receive concise summaries and **flowchart visualizations**.
  - Used **MoviePy** for audio extraction, **Whisper (faster-whisper)** for transcription, and **PEGASUS (HuggingFace)** for summarization.
  - Extracted key concepts using **KeyBERT** and visualized them using **Graphviz**.
  - Implemented secure **user authentication** with Flask sessions and admin dashboard for user management.
- ResumeAnalyser** — Flask, Python, scikit-learn, spaCy 2025
- Developed a tool that analyzes resumes and recommends job roles for freshers.
  - Used **spaCy** for skill extraction and built a model that maps profiles to relevant job descriptions.
  - Increased job-match accuracy by **90%** during internal testing.
- SmartEducationHub** — Node.js, Express, MySQL 2024
- Designed an education platform for accessing study materials, quizzes, and academic roadmaps.
  - Implemented student login systems and role-based access dashboards.
- Travel Management System** — Android (Java, MongoDB) + Web (Firebase, JSP, Servlet) 2024
- Developed an **Android app** for trip coordination using **Java**, **MongoDB**, and **Android Studio**.
  - Built a complementary **web dashboard** using **JSP**, **Servlet**, and **Firebase** for admin control and monitoring.
- Fruit Disease Recognition** — CNN, Flask, OpenCV 2024
- Trained a **CNN** model to detect diseases in fruit images to help reduce crop loss.
  - Built a web interface for users to upload images and receive real-time diagnosis.
  - **Achieved 88%** model accuracy with low false positive rates.
- Renuka Foods E-commerce** — PHP, MySQL, Bootstrap 2024
- Built a full-featured e-commerce site including shopping cart, catalog, and secure payments.
  - Helped digitize a local food business and expand its customer base.
- Automatic Floor Cleaner Robot** — Arduino Uno, Ultrasonic Sensor, Motor Driver 2023
- Designed and assembled an autonomous floor-cleaning robot using **Arduino Uno** as the main controller.
  - Integrated **ultrasonic sensors** for obstacle detection and **motor driver modules (L298N)** for wheel control.
  - Programmed movement logic to enable smart navigation and efficient floor coverage.

## AWARDS AND ACHIEVEMENTS

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- Course Topper – Communication Skills (1st Year, 1st Sem)** 2023
- Scored 99/100 in Communication Skills, ranking first among all first-year students across all branches.
  - Felicitated by the Principal for academic excellence in communication and soft skills.
- Semester Topper – 3rd Year, 2nd Sem** 2025
- Secured a 9.2 CGPA in one of the most challenging semesters; highest in the batch.
  - Recognized for academic consistency and technical subject mastery.
- Project Showcase – MGM Exhibition (Engineering Exploration)** 2023
- Selected to represent our project “Automatic Floor Cleaner” at MGM’s college-level innovation exhibition.
  - Recognized by the Principal for innovation, team contribution, and clear technical presentation.

## EXTRACURRICULAR ACTIVITIES

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- NSS Member** 2023 – Present
- Collaborated in national-level clean-up drives, tech awareness workshops, and rural outreach activities to foster community engagement and service learning.
- Blood Donation Camp Organizer** Sept 2022
- Led and coordinated a blood donation camp at Ekta Ganesh Mandal; managed 15+ volunteers and partnered with Dattaji Bhale Blood Center.
  - Mobilized participation across colonies and ensured medical setup for smooth operations.
- Robin Hood Army – Volunteer** May 2024
- Collected and redistributed surplus food to feed 100+ underprivileged individuals across the city.
  - Promoted food sustainability and reduced urban food waste through community awareness.