Dipak Ghadge

Navi Mumbai, Maharashtra

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[LinkedIn](#)   [GitHub](#)   [Portfolio](#)

Education

University of Mumbai	**Nov 2022 – May 2026 (Expected)**
Bachelor of Engineering (B.E.) in Artificial Intelligence & Machine Learning	*CGPA: 8.7/10 — Nerul, Navi Mumbai*

- **Relevant Coursework**: Data Structures & Algorithms, Object-Oriented Programming (C++), Computer Networks, Operating Systems, Machine Learning, Database Management Systems
- **Achievements**: Ranked in **Top 5%** of class, **4th place** in the University Coding Challenge 2023

Technical & Communication Skills

Languages: Python, JavaScript (ES6+), C++, SQL
Image Processing & OCR: OpenCV, Tesseract, EasyOCR, PIL
Frontend: React.js, Redux, Tailwind CSS, Bootstrap, Figma
Backend: Node.js, Express.js, REST APIs, MongoDB, PostgreSQL
Communication: Public Speaking, Team Collaboration, Client Interaction, Technical Presentations

Work Experience

AS Technology Pvt. Limited	**Jun 2024 – Sep 2024**

Software Developer Intern — Pune, Maharashtra

- Redesigned Skill Hub UI/UX (Figma, Tailwind CSS), reducing bounce rate by 25%.
- Built 15+ scalable React.js components, cutting front-end dev time by 40%.
- Optimized Node.js APIs, reducing MongoDB query latency by 35% via indexing/caching.
- Automated CI/CD pipelines, reducing manual deployments by 50%.

KRG Consultancy Pvt. Limited	**Dec 2023 – Feb 2024**

IT Intern — Vashi, Navi Mumbai

- Developed Live Recruit dashboard (React.js, Redux), boosting engagement by 22%.
- Refactored Mongoose schemas, cutting query execution time by 40%.
- Implemented OAuth 2.0 authentication, securing API access.

Projects

She Safe – AI-Powered Women's Safety App [Demo]	**Aug 2024**

- Developed an AI chatbot using LLaMA AI, automating 5,000+ monthly queries with 90% accuracy.
- Integrated Google Maps API, WebSockets, and Firebase for real-time emergency alerts, reducing response time by 50%.
- Engineered a panic button triggering instant SMS/email alerts, improving safety response by 30%.

Technologies: React.js, Node.js, LLaMA AI, Material UI, Firebase

Visionary Extractor – OCR-Based Text Extraction Tool [Demo]	**Jan 2024**

- Developed an OCR-based text extraction tool using OpenCV, Tesseract (pytesseract), and EasyOCR, enabling high-accuracy text recognition from images.
- Implemented image preprocessing techniques (grayscale, thresholding) to enhance text detection performance.
- Integrated NumPy, Requests, and Pandas to handle image inputs from URLs and optimize data processing.

Technologies: Python, OpenCV, Tesseract, EasyOCR, PIL, NumPy, Pandas

Achievements

All India Rank 6 – EY Global ML Hackathon (Developed an AI-driven classification and anomaly detection system, competing against top ML engineers nationwide)

1st Place – Cognition 2023 National Hackathon (Ranked 1st among 500+ teams for an AI-powered safety solution integrating real-time alerts and geolocation tracking)

Top 2.5% – Amazon ML Challenge 2023 (Ranked in the top 250 out of 10,000+ global AI/ML engineers for predictive modeling and optimization)

Runner-Up – Avishkar National Competition (Developed an AI-powered document processing system using NLP, OCR, and automation)

Rank 4 – VESIT Coding Competition (Excelled in DSA and problem-solving challenges)

Institution Rank 24 – GeeksforGeeks (Top institutional ranking in competitive coding)