ATHARVA DHURI
BTech Computer Engineering | NMIMS, Mumbai (Batch 2026)
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Education

NMIMS University – MPSTME, Mumbai | CGPA: **3.30/4.0** (2022 – 2026)
Pace Junior Science College, Mumbai | HSC – **75.17%** (2022)

Thakur Vidyamandir, Mumbai | SSC – **95.80%** (2020)

Projects

• CollabDoc – Real-Time Collaborative Document Editor – 2025
Developed a decentralized Google Docs clone using Node.js, Firebase, MongoDB, and Quill.js. Implemented conflict-free editing, real-time collaboration, and user presence tracking enabling **5+ users to collaborate seamlessly in real time without data loss**.

• MediScan – AI-Based Medicine Information Extractor – 2025
Built an AI-powered app using EasyOCR and Gemini LLM to extract and summarize drug details from medicine packaging. Supported multilingual summaries and image annotation features, improving **medicine accessibility for non-English speakers.**

• Biometric Liveness Detection using Gestures – 2025
Designed a lightweight liveness detection system using Python, OpenCV, and MediaPipe. Focused on gesture-based active Presentation Attack Detection (PAD) to distinguish real users from spoof attempts, with **high accuracy on live test data**.

• Mental Health and Well-Being App – 2024
Developed a real-time mood tracking app with Firebase integration. Included personalized daily suggestions, a mood calendar, and professional support options based on mood data, improving **user engagement through tailored insights**.

• Language Learning Game in XR – 2024
Built an immersive Unity-based XR game to teach basic French through interactive 3D objects, quizzes, and gameplay. Encouraged language proficiency with progressive levels, combining **visual interaction with gamified assessments**.

Internships

Intern – Abhison Engineering LLP (May – July 2025)
Developed backend using Python, MySQL, and Flask to integrate with PLC automation. Built features for **real-time medicine stocking, batch dispatch, and automated grid mapping**. Enhanced operational efficiency of pharmaceutical warehouse workflows.

Certifications & Publications

Research Paper – *"Securing the Software Development Lifecycle (SDLC) in Cloud Environments: A DevSecOps Perspective"*, presented at International Conference on Computer Science and Communication Engineering, May 2025.

CORE SKILLS

Technical Skills: Python, OpenCV, MediaPipe, Firebase, Flask, Java, Kotlin, HTML, CSS, JavaScript, Android Studio, Unity XR, Google Earth Engine, Node.js, MongoDB, Quill.js, EasyOCR, Git
Soft Skills: Team Leadership, Communication, Research & Analysis, Content Writing, Problem-Solving, UI/UX Design Thinking, Collaboration, Project Management, Rapid Prototyping, Technical Documentation

Achievements and Positions of Responsibility

• Head of Content Writing – IET Committee, NMIMS (2023 – 2024)
Led the content team to create formal communications and promotional material, significantly increasing participation and visibility across committee initiatives.

• Finalist – Cyber Cypher 3.0 Hackathon, NMIMS (2023)
Designed and developed a front-end Hospital Management System with features such as multi-department appointment booking, doctor-patient interaction, and a Google Maps-integrated pharmacy locator.

• Advanced Participant – Semicode Hackathon (2023)
Qualified through multiple competitive rounds, applying Java and Python for efficient algorithmic problem-

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solving and team-based challenge execution.