Urvi Joshi

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EDUCATION

A. P. Shah Institute of Technology, Thane (University of Mumbai) Bachelor of Engineering (B.E) **CGPA(Up to Sem-VI): 8.56/10.0**	**July 2021 – May 2025**
Matruchhaya College Of Commerce And Science, Dahisar (University of Mumbai) Higher Secondary (XII), Science **Percentage: 92.83**	**May 2019 – May 2021**

INTERNSHIPS

- Completed AICTE Virtual Internship in Zero Trust Cloud Security Virtual Internship through Zscaler
- Completed Online Full Stack Web Development Internship through Meta Craftlab, Mumbai
- Completed AICTE Virtual Internship in Android Developer through Google
- Completed AICTE Virtual Internship in Cloud Computing through AWS Academy
- Completed AICTE Virtual Internship in AIML Internship through AWS

TECHNICAL SKILLS AND INTERESTS

- **Tools:** Github, VS Code, Google Collab, JupyterLab, Canva, LaTeX, Figma
- **Programming Languages:** Python, HTML, CSS, JavaScript, Java
- **Frameworks:** Django, Bootstrap, React
- **Database:** MySQL, MongoDB
- **Cloud-Based Technologies:** AWS, Google Cloud Platform

PROJECTS

MindMatrics: Advance Mental Health Diagnosis and Tailored Recommendations with Multimodal Technology

- Developing a system to **monitor and assess** college students' and professionals' **mental health and emotional states**.
- Building **deep learning** models to analyze emotional states through **audio** and **video inputs** on a web interface.
- Users receive **detailed mental health reports**, can share them with family or friends, and track their emotional state using an integrated diary feature.

LabTracker: Smart Inventory Management with ML-Powered Budget Prediction for Lab Resources.
- Implemented an ML-driven **prediction system** that significantly improved Python programming for forecasting future budgets based on historical data.
- **Optimized the budget management process**, including future forecasting, comprehensive budget maintenance across all departments and financial years, and streamlined communication with higher authorities.
- Delivered **graphical insights** for future budget planning by using pie charts and bar graphs, accompanied by a budget download feature.

Random Word Everyday
- Developed a **collaborative website** for generating random words, including adjectives, tongue twisters and a Word of the day feature during full stack web development internship.
- Implemented fetching of words using **Postman Mock Servers**, overcoming challenges of finding free APIs with unlimited access.

CERTIFICATIONS

- **AWS** Cloud Foundation
- **AWS** Cloud Architecting
- **NPTEL** The Joy of Computing with Python (**Elite** Certificate)
- **NPTEL** Design and Analysis of Algorithm
- **Oracle** Database Foundation
- **Postman API** Fundamentals Student Expert

ACHIEVEMENTS

Exalt Project Competition 2023 Winner (Mini Project)
Secured first position in college internal mini project completion by developing an automated lab inventory management system to optimize budgeting and expenses, featuring graphical insights for improved data analysis and decision-making.

APSIT DevOps Student Club (Mentor)
Guided lead and co-leads in organizing events, and provided support in exploring and implementing various DevOps cloud-based tools, enhancing the club's technical expertise and event quality.

Maharashtra State Skills Competition, IndiaSkills 2023-24 (State Level)
Selected to represent the Mumbai cluster in the State Level Skills Competition for Web Technology, placing third out of 25 competitors at the cluster level.

Letter of Appreciation
Honoured to deliver a session on "Journey to Java: A Mini Project Roadmap" for ITSA, guiding second-year students in executing their mini-projects and introducing effective approaches and techniques.

Class Representative
Served as the class representative for the first year, encouraging collaboration and strong interaction between the faculty and students in both the online and offline classrooms.