

EDUCATION

•Master's in Computer Application

2023-25

Thakur Institute of Management Studies Career Development & Research, Mumbai

CGPA: 8.6

•Bachelors in Science

2020-23

Mithibai College of Arts, Science and Commerce

CGPA: 8.27

KEY PROJECTS AND ACHIEVEMENTS

•Digital Technology and Social Isolation: A Machine Learning Study of Wellbeing Patterns- [Research Paper](#)

Conducted ML-based analysis of wellbeing trends across age groups to assess technology's impact on mitigating social isolation.

- Analyzed wellbeing challenges faced by various age groups and identified how technology can effectively address these issues.
- Discovered patterns that highlight how different age groups can support each other in improving mental and physical wellbeing, leveraging common experiences.
- Technology Used: Python, ML Algorithms like Natural Language Processing, Random Forest, Gradient Boosting, BLEU Score, BERT and TF-IDF vectorization

•MCP Server – Personal Project

LLM-driven MCP server that automates system tasks through a secure communication protocol.

- Designed an intelligent server using LLMs to automate context-aware system tasks over secure protocols.
- Enabled secure remote system interaction and automated workflow execution.
- Technology Used: Python, FastMCP.

•Farm Fresh [Mobile Application](#) & [Website](#) – 360Serve

Comprehensive solution for online grocery shopping with real-time inventory tracking and secure payment integration.

- Developed an intuitive mobile app featuring real-time inventory tracking and seamless order management.
- Optimized UI/UX for seamless mobile shopping on Android with scalable real-time inventory updates.
- Technology Used: React Native, CodeIgniter, Docker.

•Desktop Application for Excel Analysis – Freelance

Dynamic Python application for automated Excel data processing and transformation.

- Engineered a sophisticated script for transforming, substituting, and consolidating complex datasets.
- Implemented custom placeholder substitution, dynamic column mapping, and automated Excel styling to streamline data workflows.
- Technology Used: Python, PyQT6.

•360Serve Portfolio [Website](#) – 360Serve

Professional portfolio website showcasing technical skills and project achievements.

- Designed and developed a responsive website to highlight professional accomplishments.
- Established a custom domain as a comprehensive digital representation of skills and projects.
- Technology Used: React JS.

•Elderly Care Mobile Application | Care and Connect

A platform enabling elderly individuals to form interest-based communities, connect locally, and foster inter-generational bonding.

- Designed and developed an intuitive mobile interface optimized for accessibility and ease-of-use.
- Added features like forums, local groups, and real-time alerts to drive engagement in elderly care platform.
- Leveraged Flutter for the frontend and SpringBoot with Hibernate for robust backend services, using MongoDB for secure data management.
- Technology Used: Flutter, SpringBoot, Hibernate, MongoDB.

•Frame By Frame | Anime Blog

Developed an anime-themed blog to share reviews and insights, using MERN stack for dynamic content delivery.

- Developed a responsive web application using the MERN stack to ensure high performance and scalability.
- Implemented social sharing, comment functionality, and custom UI components to drive user engagement.
- Optimized website performance through effective caching strategies and streamlined backend processes.
- Technology Used: MongoDB, Express, React, NodeJS.

EXPERIENCE

–Developer Intern, HomeVille Group	Present
Developer Intern	Mumbai, Maharashtra
<ul style="list-style-type: none">* Delivered the CERSAI project for Singularity Creditworld, a prominent NBFC, by employing Java Spring Boot architecture to ensure scalability and efficiency, integrating JUnit testing for rigorous code reliability, and implementing advanced security mechanisms using Spring Security for robust protection and compliance.* Built a Python tool to automate Excel data transformation using dynamic column mapping and rule-based substitutions.* Streamlined development environments, implemented RESTful APIs, and strengthened CI/CD pipelines with SonarQube integration.* Enhanced server reliability through proactive instance patching and maintenance of staging environments.* Automated browser testing via Selenium, optimizing user workflows and increasing software resilience.* Integrated APIs with third-party fintech tools to enable secure credit report visualization and risk analysis.	
–Software Developer, 360Serve	May 2023 - Dec 2024
Software Developer	Mumbai, Maharashtra
<ul style="list-style-type: none">* Built responsive websites using React and Django for 360Serve, enhancing client digital presence.* Developed cross-platform apps like FF-Farm Fresh using Python and React Native.* Deployed apps on AWS EC2 with CI/CD pipelines, boosting project delivery efficiency.* Optimized Firebase and MySQL databases with RESTful APIs for high-availability systems.* Developed AI chatbots using TensorFlow/PyTorch and enhanced customer analytics via SEO integration.	

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Java, JavaScript/TypeScript
Frontend: HTML, CSS, ReactJS, Bootstrap, Tailwind CSS
Backend: Django, SpringBoot, Hibernate, JSP, Maven, NodeJS, ExpressJS, Junit, Selenium
Tools: Pip, PipX, UV, UIPath, Automation Anywhere, Figma, Canva, NPM, Git, GitHub, Android Studio, Eclipse, MS Office
Databases: MongoDB, MySQL, SQLite, Firebase Realtime Database, Firestore
Cloud Technologies: Amazon Web Services, Google Cloud Computing
Soft Skills: Teamwork, Problem-solving, Communication, Adaptability

POSITIONS OF RESPONSIBILITY

–Member, Animaux Mithibai College of Arts, Science and Commerce	2023
<ul style="list-style-type: none">* Optimized registration processes and enhanced communication among seven teams to improve event management.* Contributed to creating engaging online content that strengthened team collaboration and overall coordination.	
–Member, Marketing Team, Epiphany 2023 Mithibai Literary Society	2023
<ul style="list-style-type: none">* Executed strategic marketing initiatives to boost event engagement and visibility.* Collaborated with team members to develop creative promotional content and drive increased participation.	

ACHIEVEMENTS

–2nd Prize, International Conference on Advances in Information Technology and Management	2025
<ul style="list-style-type: none">* Secured 2nd place at ICAITM 2025 for research paper on ML applications in social sustainability.	
–1st Prize, Synapse 2024 TIMSCDR, Viksit Bharat	2024
<ul style="list-style-type: none">* Won 1st Prize at Synapse 2024 for developing a tech-based platform addressing SDG goals.	

CERTIFICATIONS

–Ethical HackingNPTEL	October 2024
–JDBC, DAO & SQL: Practical Crash CourseUdemy	July 2024
–Web Development Complete Course, CSS, Bootstrap and JavaScriptUdemy	July 2024
–Cloud Computing - IIT KharagpurNPTEL	May 2024
–RDBMS PostgreSQL Spoken TutorialSpoken Tutorials	September 2023
–Java Spoken TutorialSpoken Tutorials	September 2023
–Certificate Course in Artificial Intelligence with PythonMithibai College	January 2023