OM KOKATE

Chiplun, Maharashtra

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EDUCATION

Gharda Institute of Technology   **2021 − 2025**
B.E. Computer Engineering   *Maharashtra, India*

EXPERIENCE

L&T Technology Services   **07 2023 − 09 2023**
Intern   *Mumbai, India*

- Analyzed 10,000+ log entries to **extract actionable insights** into network performance and user behavior, leveraging Python libraries and data analysis frameworks.
- **Improved resource allocation by 25%** through optimized job scheduling, queue management, and a **leader-worker architecture** for efficient task distribution, xleading to enhanced server performance..
- Gained hands-on experience with Python, Flask, **NLP, AI/ML**, Wireshark, and algorithm optimization.

SureTrust   **01 2023 − 06 2023**
Intern   *Remote*

- Led a team of 6 to develop a **revenue model** incorporating optional donations and potential brand partnerships to **support farmers' causes**.
- Built an intuitive interface prioritizing user experience and **data privacy**, incorporating advanced encryption and authentication measures.
- **Exposure**: **Firebase**, Android, **Google Cloud Platform**.

PROJECTS

Vaanshika ↗ | MongoDB, React, Node, AWS, Docker | 🔗

- Developed an **innovative** family tree builder that allows users to build and preserve their family's legacy.
- Designed an intuitive interface with **scalable, multi-level** tree structures and implemented secure two-factor authentication for collaborative data updates.
- Overcame challenges in **dynamic** tree representation and **real-time** data sharing by optimizing the backend and integrating advanced features like calendar and communication tools for an enhanced user experience.

Fusion Labs ↗ | Flask, Selenium, Docker, AWS | 🔗

- Designed a scalable backend infrastructure capable of handling **1,000+ video requests per day**, ensuring efficient operations and future expansion.
- **Automated** the process of extracting data and creating short videos with dynamic transitions and professional voiceovers, reducing manual effort by 100% and **reducing video processing time by 80%**

AgroMate | Kotlin, Firebase, TensorFlow | 🔗

- Developed the entire app within a tight timeline of **16 hours in a hackathon**.
- Implemented **image recognition** to identify plant diseases with an accuracy of **90%**.
- Integrated an **AI-powered chatbot**, powered by **GPT-3**, to provide instant support and guidance to farmers, addressing their queries related to plant diseases.

CERTIFICATIONS

- **AWS** Cloud Foundations
- **LYFT** Mobile Engineering
- **NPTEL** Java

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, Kotlin, SQL, XML
Tools: VS Code, Android Studio, IntelliJ IDEA, PyCharm Eclipse, Postman, Jira, Git, Firebase Console
Technologies/Frameworks: ReactJS, NodeJS, MongoDB, Docker, PostgreSQL, Django, AWS, Jenkins

VOLUNTEERING EXPERIENCE

Google DSC Android Lead: Conducted online and offline **technical workshops** impacting over 100 students.
ASCEE Event Manager: Organized and managed technical events, coordinating logistics and outreach.
CodeBits Core Team: Led hackathon planning, **team coordination**, and technical help for 200+ participants.