GANESH BORKAR

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EDUCATION

College of Engineering Manjari, Pune **2020 – 2024**
Bachelor of Engineering in Computer Science (CGPA - 8.09) *Pune, India*

Honours in AIML **2022 – 2024**
Artificial Intelligence and Machine Learning *Pune, India*

TECHNICAL SKILLS

Languages: Python, SQL, C++

Technologies/Frameworks: Django, Fastapi, Redis,celery, AWS, EC2, RDS, S3, AWS Lambda, Linux, Git, Github Action, Docker

EXPERIENCE

Corniya **Aug 2024 – Mar 2025**
Software Engineer Intern *Pune, India*

- Built and optimized RESTful APIs for seamless integration with frontend applications.
- Implemented **authentication, authorization, and security protocols**, including **JWT and OAuth**.
- Deployed projects on **AWS, EC2, and Docker**, ensuring scalability and performance.
- Led **end-to-end software development**, from **system design to deployment.**

The Spark Foundation **Apr 2024 – May 2024**
Data Science and Business Analytics Intern *Pune, India*

- Developed a predictive model using machine learning algorithms which accurately forecasted car prices based on vehicle features, enhancing valuation accuracy and reducing manual appraisal time by 40%
- **Technology Used: Python,Machine Learning,Django, Data Visualization,AWS EC2, AWS Lambda**

PROJECTS

Secure Real-Time Chat Application | Django, SimpleJWT, Redis, Celery, MySQL

- Developed a secure chat application with Django, featuring user authentication using JWT and email verification via TOTP tokens.
- Integrated Celery with Redis for asynchronous task processing to send email verifications, ensuring responsive user experience.
- Implemented scalable MySQL-based message storage and user management system with real-time updates and session handling.

Predictive Analysis for Equity market Forecasting | Python, Machine Learning, Neural Networks

- Developed a sophisticated machine learning application for equity market predictions; enhanced forecasting precision by 15% and cut down manual analysis efforts by 30%, significantly boosting investment decision-making efficiency
- Implemented neural network and Facebook **Prophet** for robust time-series prediction with an average **0.85 R2** score.

CERTIFICATIONS

- Machine Learning
- Python
- SQL
- Data Science
- Deep Learning
- Big Data
- AI for Business
- Flask
- Command Line in Linux