

Aryan Mankame

aryan672002@gmail.com | +91-7387159818

EXPERIENCE

DEUTSCHE BANK | GRADUATE ANALYST

Jul 2024 – Present | India

- Improved CI/CD pipeline efficiency by 30% by configuring 4+ TeamCity agents.
- Migrated 20+ deployment jobs, reducing queue time by 60% and improving reliability.
- Raised unit test coverage from 60% to 90%; added regression tests for Python testbench.
- Enhanced Scala-based report service performance by 10x.
- Enabled local mode for testbench execution without remote dependencies.

PROJECTS

MONGO-BOLT | NODE.JS | TYPESCRIPT | MONGODB | MONGOOSE

- Designed and published a lightweight, TypeScript-based npm package to simplify MongoDB operations.
- Built an intuitive API featuring inbuilt caching, simplified joins, and a fluent aggregation builder.
- Enabled seamless multi-collection queries and indexing strategies to boost performance and dev experience.
- Achieved over 200+ weekly downloads on npm, showing strong adoption across developer communities.

FITTRACKME | REACT.JS | EXPRESS.JS | APPWRITEDB | REDUX.JS

- Built a comprehensive fitness tracking platform featuring modules like MealPlanner, ExerciseTracker, and a GPT-3 powered Health Assistant.
- Designed a MealPlanner to monitor daily food intake and visualize nutritional progress.
- Implemented ExerciseTracker for recording and tracking daily physical activity.
- Integrated GPT-3 to deliver real-time responses to health-related queries, simulating a virtual assistant.
- Deployed a proactive reminder system, sending personalized fitness prompts five times daily.
- Achieved near-perfect web performance scores:
- Performance: 99 | Accessibility: 94 | Best Practices: 100 | SEO: 100

EHM-CERVIX | PYTHON | CNN | ENSEMBLE LEARNING

- Combined three hybrid CNN architectures to classify cervical cancer images from the SIPakMed dataset.
- Achieved a classification accuracy of 95.10%, outperforming previous CNN-based benchmarks.
- Demonstrated advanced use of ensemble modeling and feature extraction for medical imaging.

EDUCATION

MANIT, BHOPAL

B.TECH IN COMPUTER SCIENCE

Nov 2020 – Apr 2024

CGPA: 8.98 / 10

ADDITIONAL PROJECTS

- **HouseOnWheels**
React.js, Firebase, Mapbox
- **CLIBook**
Bash Scripting, Linux
- **PaisaBachat**
Next.js 14, Tailwind CSS, PostgreSQL, Vercel

SKILLS

LANGUAGES

JavaScript • TypeScript • Python • Java • C/C++ • Bash

FRAMEWORKS & TOOLS

React • Next.js • Express.js • Django • Docker • Git • TeamCity

DATABASES

MongoDB • PostgreSQL • MySQL • Firebase

OTHER

TensorFlow • PyTorch • Web Scraping • CI/CD • Pytest

ACHIEVEMENTS

2nd Runner-up, Witty Hacks 3.0
7th Place, E-Cell NITB Hackathon
Top 15, Postman Bits Hackathon
99.45 Percentile, JEE Mains 2020

LANGUAGES

English • Hindi • Marathi

LINKS

Portfolio:// aryanmankame.netlify.app
GitHub:// [AryanMankame](https://github.com/AryanMankame)
LinkedIn:// [aryan-mankame](https://www.linkedin.com/in/aryan-mankame)
LeetCode:// [aryan672002](https://leetcode.com/aryan672002)
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