

Hitansh Doshi

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[Github](#) | [Personal Website](#) | [Linkedin](#)

Experience

JP Morgan Chase & Co | Software Engineer

Aug 2023 - Present

- Led the transition to an internal monitoring system to enhance the monitoring of microservices.
- Instrumented distributed tracing, improving monitoring across 10+ microservices.
- Migrating more than 650 jobs to a new server for better performance.
- Appointed for L3 support, demonstrating confidence in handling production incidents.

JP Morgan Chase & Co | Software Engineer Intern

Jun 2022 - July 2022

- Developed an incident investigation tool resulting in improved data availability checks and better search results.
- Developed data availability tool using React and Python reducing investigation time by 6 times for 5 teams.
- Migrated legacy tool from ASP to React, enhancing investigation experience for two teams.
- Led a hands-on session on data availability tool to 5 teams, highlighting their use cases and functionality.

Volunteering Experience

TCET Open Source | Backend Lead

Feb 2023 - July 2023

Repo: [Github](#)

- Spearheaded the planning, design, and development of a comprehensive ERP system for the College.
- Engineered an adaptable system aligned with the new education policy, ensuring backward data compatibility.
- Ensured system resilience for 10k concurrent users, prioritizing performance and scalability.
- Authored wiki pages or detailed documentation to streamline implementation and maintenance processes.
- Efficiently managed projects using Github, meticulously tracking progress for timely and successful completion.

Project

Open Racer

May 2024 - Present

Repo: [Github](#)

- Built a 3D racing environment using Unity, connected to Python for immersive simulations.
- Implemented a Python-based system for training AI models in racing simulations.
- Enabled users to design and manage custom racing tracks with server-provided coordinates.

NASA Ontology

Oct 2021 - Oct 2021

Repo: [Github](#)

- Implemented keyword-based and syntax-based searches for public datasets of NASA.
- Divided datasets into 11 classes and 75 subclasses based on tags, provided network visualization.
- Created a search engine using embedding and KNN.

Education

Thakur College of Engineering and Technology

Aug 2019 - July 2023

BE Computer Engineering | CGPA- 9.51/10

Skills

Languages: Python, Javascript, C++

Tools / Frameworks: React, Nodejs, FastAPI, Docker, Grafana

Revision Control: Git, Github