MANISH TIWARI

Software Engineer

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EDUCATION

B.E Electronics & Instrumentation

Siddaganga Institute of Technology

CGPA **8.7** / 10

📅 08/2019 - 08/2023

ACHIEVEMENTS

- Presented my technical paper and got it published at International conference organized by IEEE in 2023.
- 2nd Runner up in TCS Techbytes India Semi-Finals 2022.
- Secured 1st Position in Incepto Hackathon -2022 conducted by Team SARK.
- 1st position in NaaViC AGRI Hackathon conducted by ICAR, Bangalore.
- 1st position in the college level Smart India Hackathon - 2022 conducted by Govt. of India.
- Secured Global Runner Up position in 900+ teams worldwide in Provision Hacks Global Hackathon 2022.
- Special award for Extraordinary Technical Expertise in BHTC Hackathon held at IISC Bangalore.

SKILLS

C++	Python	React
REST API	Redux	Javascript
PHP	MySQL	Streamlit
FIGMA	CSS	HTML

CERTIFICATIONS

- Microsoft Certified- AZURE Fundamentals
- 2X Cisco Certified Network Associate
- AWS Cloud Practioner

PROFESSIONAL EXPERIENCE

Software Engineer 1

JPMorgan Chase & Co.   📅 08/2023 - Present   📍 Bangalore

- Working as a part of Transaction Reporting System team under Prime Finance Technology that deals with high-value transactions.
- **Improvising the UI of Middle office Trade Manager**, which would lead to significant efficiency improvements and bring more business to firm.

Software Engineer Intern

JPMorgan Chase & Co.   📅 02/2023 - 07/2023   📍 Bangalore

- Developed a standalone multidisciplinary **database management and visualization web application** within the Prime Finance Technology Site Reliability team, demonstrating the potential for task automation and **reducing overall monitoring toil by 15%.**
- Resolved frontend issues and enhanced the UI of the existing productized WebApp utilized for Post Trade within the Prime Finance Transaction Reporting System TRS team.
- Presented a **new UI/UX proposal** to the TRS team, facilitating the modernization journey of the web app and accommodating additional screens from the software alternative. **Achieved 25% increase in efficiency** for the middle office and seamless onboarding of new screens without compromising UX.

Software Engineer Summer Intern

JPMorgan Chase & Co.   📅 06/2022 - 07/2022   📍 Bangalore

- Developed a micro-frontend application in Chase.com using the company-specific React-like framework **Octagon**, seamlessly integrating it with an existing Angular application through the Single SPA framework.
- **Internationalized the application** using i18n techniques, enhancing accessibility and usability across multiple languages.
- Developed custom navigation functionality, resulting in a **remarkable 30% increase in navigation speed** between micro-frontends of different tech-stacks.

PROJECTS

CollabCode

🔗 https://github.com/manish-9245/collabcode.io

- Developed a highly impactful **real-time online collaborative code editor** designed specifically for pair programming, enabling seamless collaboration and efficient code sharing.
- **Tech Stack-** Web Socket, React, Javascript, HTML, CSS, Node

PYTHONNDS

🔗 https://py-ds-docs.vercel.app/

- Developed a comprehensive **Python package, to fulfill diverse Data Structure requirements** and to understand the deployment on the PyPI network.
- Common Data Structures like Linked List, Stack, Queue, etc **can be implemented in 1-2 lines of code**.
- This helps developers as they would spend lesser time implementing data structures.
- **Tech Stack**: Python, Twine

Frontend Garage

🔗 http://frontend-garage-eosin.vercel.app/

- An **online IDE to build frontend of websites** using HTML, CSS, and Javascript
- It reduces the hassle of linking CSS and JS files with HTML document or installing an IDE on your local machine
- An inbuilt live server that shows **real-time code output, and code caching** on the browser so your last session can be continued.
- It can be used from mobile too so that you can code on the go.
- **Tech Stack:** Javascript, React, HTML, CSS, Code Mirror