Saujanya Nath Tiwari

P: +91 9113434913 | saujanyatiwari455@gmail.com
https://www.linkedin.com/in/saujanya01/ | https://github.com/saujanya01

Software Engineer curious about solving problems using technology

WORK EXPERIENCE

HyperVue AI (Social Intelligence Startup)

Full-Stack Engineer   Feb 2022 – Present

- Built HyperVue AI landing page (https://hypervue.ai) from PRD to production using **ejs**, **node** and **MySQL** for database.
- Managed whole backend of 9TB+ data, ingressing around 4M+ monthly tweets.
- Optimized load time for APIs, making it 10X faster - **Python (asyncio), MongoDB.**
- Setup alerting system for Twitter keyword volume spikes and Integrated feature for posting from Facebook and Instagram accounts using HyperVue AI dashboard - **Python, Meta APIs.**
- Revamped the whole design of the existing dashboard (https://app.hypervue.ai) which improved user retention on the dashboard.
- Made a sandbox version of the existing dashboard (https://app.hypervue.ai/demo) for an easier demonstration to clients.
- Worked on optimising mongo queries and properly indexing collections

Deloitte USI

Analyst   Sept 2021 – Feb 2022

- Worked in mainframe testing team for a healthcare client
- Was involved in requirement and system analysis, preparation of test cases and test scenarios and their execution.

Axis Bank

Intern Analyst (Business Intelligence Unit)   May 2020 – June 2020

- Worked on a Call Center Analytics project to identify best practices to improve the efficiency of call centres.

SKILLS

- **Frontend -** React JS, Next JS, Material UI, Tailwind CSS; **Backend -** Asyncio(python), NodeJS
- **Languages -** Python, Javascript/Typescript, C++, Java(Basics); **Database -** MongoDB, SQL, Elastic Search(basics)
- **Tools -** Apache Kafka, Apache Storm, Apache Zookeeper, Linux, Git

PROJECTS

WebMark (https://webmark.tech)

- Made a bookmark management chrome extension and webapp with features like adding a bookmark/category, creating shareable links for bookmark category and user authentication using email OTP.
- Got the extension published on Chrome Web Store (Link to extension)
- **Tech Stack** - ReactJS(Typescript), Material UI, NodeJS, MongoDB, AWS EC2 for hosting

Melanoma Classification

- Created a classification model for Melanoma detection using ISIC 2018 and ISIC 2019 datasets.
- Got this published in INCOFT (IEEE conference)

EDUCATION

Birla Institute of Technology, Mesra   Ranchi, India

Bachelor of Engineering (Electrical and Electronics Engineering)   July 2017 - May 2021
GPA - 8/10

OTHERS

- Fluent in English, Hindi and Bhojpuri
- Can play badminton for hours
- Love to read books related to history and maths.