

Shivansh Shrivastava

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EDUCATION

Birla Institute of Technology and Science, Pilani, Hyderabad
Bachelors in Computer Science Engg.

Enrolled: Sep 2020 — Expected: Jul 2024
Overall GPA: **7.35**

SKILLS

- **Relevant Coursework:** Machine Learning, Data Mining, Data Structures and Algorithms, Probability and Statistics, Data Base Management System, Object Oriented Programming, Operating System, Theory of Computation, Computer Networks, Cryptography, Blockchain, Linear Algebra, Behavioural Economics, Principles of Economics
- **Programming:** C++, Javascript, Python, Java, React JS, Tailwind, MySQL, Algorithms, Solidity (Ethereum), NextJS, C, Docker, CI/CD pipelines, AWS Lambda, Oracle DB, Express JS, Node JS, Firebase, Relational Database, Tensorflow, PyTorch, Spark

EXPERIENCE

Dr Reddy's Laboratories (DRL), DPeX—Enterprise Architecture & Master Data Management Hyderabad, Telangana
Product Manager, Intern Jan 2023 - Present
Processing and showcasing important highlights from **product and financial masters (objects)** and carrying out our business-as-usual activities as a PM intern.

Catalog, Immutable Ren Labs, Summer Internship Hyderabad, Telangana
Software Developer Engineer, Intern May 2023 - Aug 2023

- Integrated **BTC-ETH Atomic Swaps (HTLC)** on Opensea, to provide users with a seamless experience while purchasing **Ethereum-based NFT directly using Bitcoin** in a decentralised manner. Leveraged technologies like **React, Tailwind CSS, and ES6** to build and maintain the front of a cutting-edge de-fi Chrome extension.

Swechha, Summer Internship Remote
Open source developer Jun 2022 - Jul 2022

- Worked on **implementing multi-users screen sharing** feature in the openly sourced software BigBlueButton. Designed wireframe using **Penpot** (open source alternative to **Figma**).

Computer Science Association BITS Pilani, Hyderabad
President Aug 2022 – Jul 2023

- Successfully hosted Richard Stallman (founder of GNU) on campus, with a **footfall of over 400**.
- **Managed the Fest Organising Body (FoB)** in Atmos 22 to ensure smooth functioning.
- **Received Best Association Award** from the Technical Secretary.

ACM Summer School on Data Science at IIT Gandhinagar Jul 2022 **ACM and Sharechat**

- Introduction to **data collection pipeline, tools and techniques** for data processing (e.g., normalisation, outlier removal), descriptive statistics, visualisation. **MLE, MAP, fully Bayesian modelling, clustering, matrix factorisation**, Spatio-temporal data modelling, evaluation, **A/B testing** etc. Modern models for NLP, computer vision, data-driven **modelling for the earth and climate sciences**.

PROJECTS

Here maps nearby feature HERE technologies Hackathon
Project Link: <https://googlemaps-seven.vercel.app/> Oct 2023

- A map, that **gets all the points of interests, within 20 mins** (by default); Using HERE maps API. Designed the architecture (System Design).

Social media Fullstack - API and web application Database management system
Jan 2023

- A full stack react app with a database (**MySql**). It has all the features of a social media app, like sharing pictures, liking and commenting, **low-latency realtime notifications, and search users**. It uses **scss and material UI for responsiveness**. Uses **WebSockets** for low latency notifications and **Express, Nodejs** for a server (**greenfield API**).

Catalog wBTC garden Catalog
Project Link: <https://hackathon-code-hst8wawcm-shivansh-13.vercel.app> Jun 2023

- It leverages **Catalog's atomic swap technology** to enable seamless conversions between BTC and WBTC. **Used in production**.

CERTIFICATIONS

Adv. SWE Virtual Experience Program Walmart Global Tech
Forage <https://shorturl.at/inAFH> May 2023

Foundations of UX design Google
Coursera <https://www.coursera.org/account/accomplishments/verify/AZJV6247VJ82> Jan 2023

Postman Student Expert Postman
Badger <https://badgr.com/public/assertions/ra7f1GLjS0qrVcuuMwIETg> Apr 2022