

MANAS AWASTHI
| New Delhi, India | Age 26

EDUCATION

University of Delhi, India

July 2017 - July 2021

Bachelor of Technology (Information Technology and Mathematical Innovation)

EXPERIENCE

Roadzen, New Delhi, India

Sep 2021 to Present

Product Engineer

Owner of two products: StrandD and Canvas

- As Team Lead, **led a 3 member team** for release of a feature with organization wide impact in **record 2 sprints**.
- Collaborated with the COO to **onboard 5 clients** on StrandD platform and led the clients development team for integration leading to a **revenue impact of \$ 700 thousand**.
- Collaborated to integrate over **10 internal and third-party applications** to streamline workflows and **improve system interoperability**.

Software Engineer

- Managed a **database of over 2.6 million images** for various insurance cases, leveraging cutting-edge Machine Learning Models to provide accurate damage, parts, and make/model detection.
- Generated a **90% improvement in data processing speeds over the traditional annotation methods**, enhancing predictive analytics capabilities **by developing Canvas**, a cloud-based SaaS product revolutionizing data pipelines for AI/DL models.
- Achieved **over 80% reduction in turnaround time** of insurance renewal cases by developing a model for Damage Prediction to auto-annotate images. Worked cross functionally with the Data Science team to integrate with multiple products.

UnSpritz, Mumbai based Start-Up

March 2023 - Present

Product Advisor (Part-time Assignment)

- **Developed product roadmap** including features, use cases, lifecycle after extensive engagement with founder, stake-holders and prospective users.
- Led core technology team **to develop an MVP** to collect Qualitative and Quantitative research data **in a record 3 months** after product research, testing and wireframing.
- **Integrated rapidly evolving AI tools** for dynamic respondent interactions using **humanized Text To Speech interface**.
- Created **custom LLM** using over **1 billion** datapoints to improve response for Unbiased Insight Comprehension and Optimum Questionnaire.
- Reached the **finals of Startup India Seed Fund Program** after helping **create and present the business case for product led growth** of the company.

Fynd: Shoppers' Stop Retail Technologies Private Limited, Mumbai, India

Feb 2021 to July 2021

Software Engineering Intern: Operations Excellence (OpEx) Team

- Worked on adding functionalities to the core system which handled the bag cycle from order placement to order delivery. Drove 5 e-commerce integrations including with **Amazon and Myntra**.
- **Handled over 1 million orders during Myntra's End of Season Sale**.
- Converted internship into a **Pre Placement Offer**

Mahindra Teqo, Bengaluru, India*June 2020 to Aug 2020***Software Engineering Intern**

- Developed a ticketing system used by more than **2 thousand users to handle over 50 thousand complaints** as a bridge between clients and the development team for better resolution of platform related issues.
- Set up **Learning Management System** to enable organization wide cross-team knowledge transfer for feature development and employee upskilling.

Google Summer of Code, Remote*May 2019 to Aug 2019***Student Developer:** National Resource for Network Biology

- Selected as one of **100 first time undergraduates** to contribute to the program.
- **Unified the databases** used to mark secondary identifiers in BridgeDb **improving identification of proteins by 40%.**
- **Developed a tool** to extract Resource Description Framework data from the metabolite/derby database currently in use by over **20 thousand researchers across the world.**
- Created and updated test cases using JUnit5, **increasing test coverage area by 20%,** and added support for Java 11.

Machine Pulse, Bengaluru, India*May 2018 to Aug 2018***Software Engineering Intern**

- **Developed Proof of Concept** on Hadoop, Hive and Sqoop for **handling terabytes of data** generated from Solar Power Plants.
- Worked on the **automated mail delivery system** using the MailGun API.

ACHIEVEMENTS

- Secured **1st position** at Blitzkrieg 2018 in Coding Competition.
- Secured **2nd position** at Esya 2017 at IIIT Delhi in 'Maze solving using Line Following Robot'
- Published a **research paper** under Google Summer of Code listing contributions from Brenninkmeijer, Christian Y., Egon Willighagen, **Manas Awasthi**, Stian Soiland-Reyes, Anders Riutta, Alexander Pico, Ian Dunlop et al. "BridgeDb 3.0. 4." (2021).

PRO BONO EXPERIENCE*August 2020 - November 2023*

- During covid, worked on a website to provide real time data of **free hospital bed count**, collating data from all the available government sources and updating it in real time for maximum benefit.

EXTRA-CURRICULAR ACTIVITIES

- Conducted multiple events as **Member of Managing Committee** of Convoke, Delhi University's biggest Technical Fest.
- Conducted multiple internal seminars and hackathons as **General Body Member** of Hash-Include Coding Club.