

# Shravani Wange

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## Education

### Indian Institute of Information Technology, Allahabad

Aug 2023 – Present

B.Tech, Information Technology

CGPA: 7.80/10

- **Studied** core CS coursework: Data Structures & Algorithms, OOP, Operating Systems, Database Systems (SQL), Computer Networks, Software engineering principles, Probability.

### Rishi Vidyalaya, Jalna, Maharashtra

June 2016 – May 2021

Secondary School

97.8%

## Work Experience

### Flipkart — Runway Internship

May 2025 – Jul 2025

SDE Intern (Certificate)

Bengaluru, India Bengaluru, India

- **Spearheaded** a production-grade extension of OpenDiffy that delivered end-to-end API regression testing, achieving **25% faster** regression detection by implementing automated comparison and reporting.
- **Engineered** a dual-ID traceability system (Run ID + Request ID) that enabled **complete** request-level traceability across concurrent runs, reducing incident-investigation time by **30%**.
- **Integrated** MongoDB as a temporary buffer with MySQL persistent storage to eliminate in-memory run-data loss, achieving nearly **0%** data loss and preserving historical audit records.
- **Automated** ingestion and templated reporting pipelines in Python, saving **10+ developer-hours** per test cycle and enabling historical trend analysis for QA.
- **Designed** and deployed a web dashboard with interactive charts and filters, improving stakeholder visibility and accelerating regression triage by **40%**.

### D.E. Shaw — DESIS Ascend Educare Program

Oct 2024 – Apr 2025

Mentee & 2nd Prize Winner (Certificate)

Remote

- **Selected** as 1 of 80 mentees from 18,000+ applicants (top 0.44%) for a mentorship program focused on coding best practices and system design.
- **Developed** and launched **TaxSavvy (GitHub)** a tax-simplification platform that earned **2nd Prize** by delivering a user-friendly UI and accurate tax comparisons.
- **Engineered** an automated regime-comparison engine and deduction recommender that improved filing accuracy by **25%** versus manual calculations.
- **Built** the full-stack product using React, Node.js, Express, MySQL, Chart.js and D3.js; implemented responsive UI and RESTful APIs to support 25+ concurrent users.

## Technical Skills

**Languages:** Python, JavaScript, Java, C/C++, SQL

**Backend:** Node.js, Express.js, REST APIs, Microservices

**Frontend:** React.js, HTML/CSS, Tailwind CSS, Bootstrap

**Databases:** MySQL, MongoDB, PostgreSQL

**Cloud & DevOps:** AWS (Basics), Linux, Git/GitHub, GitHub Actions, Postman

**AI/ML:** Machine Learning Basics

**Software Engineering:** DSA, OOP, System Design Basics, Computer Networks

## Projects

### Campus-Hub 2.0 — DBMS Project

[Live Site](#)

- **Spearheaded** end-to-end development and containerized deployment of a Flask app using SQLAlchemy and Supabase PostgreSQL via Dockerized CI/CD, reducing deployment time.
- **Implemented** role-based authentication (Werkzeug hashing, email verification, session management) and CSRF protection to achieve **40%** improved security posture.
- **Engineered** modular Lost & Found and Marketplace services with RESTful APIs and an image pipeline (on-the-fly resizing & compression ;200ms), increasing user engagement.
- *Tech stack:* Python, Flask, SQLAlchemy, Docker, Render CI/CD, Flask-mail, Flask session, Pillow, Jinja2, Supabase, JavaScript

## Achievements

- **Ranked** top **0.05%** in Flipkart Runway 2025 from 50,000+ applicants; selected as a National Finalist.
- **Selected** for Google Student Launchpad 2025 for technical upskilling and project-driven excellence.
- **Awarded** Reliance Undergraduate Scholar 2023 (Top 200 nationwide).
- **Qualified** NTSE Stage 2 (Top 0.5% among nearly 9 lakh applicants).
- **Secured** National Semi-finalist position - Tata Steel Women of Mettle Season 9 (**Top 1.3%**).
- **Solved 800+** competitive problems across [LeetCode](#) / [GFG](#) / [Codeforces](#) Specialist; achieved [CodeChef](#) 3-Star (1610 peak).