

# Shravani Wange

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## Education

<b>Indian Institute of Information Technology, Allahabad</b> <i>B.Tech, Information Technology</i>	<b>Aug 2023 – Present</b> CGPA: 7.80/10
– Studied core CS coursework: Data Structures & Algorithms, OOP, Operating Systems, Database Systems (SQL), Computer Networks, Software engineering principles, Probability.	

<b>Rishi Vidyalaya, Jalna, Maharashtra</b> <i>Secondary School</i>	<b>June 2016 – May 2021</b> 97.8%
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## Work Experience

<b>Flipkart — Runway Internship</b> <i>SDE Intern (Certificate)</i>	<b>May 2025 – Jul 2025</b> Bengaluru, India Bengaluru, India
– Spearheaded a production-grade extension of OpenDiffy that delivered end-to-end API regression testing, achieving <b>25% faster</b> 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 <b>30%</b> . – Integrated MongoDB as a temporary buffer with MySQL persistent storage to eliminate in-memory run-data loss, achieving nearly <b>0%</b> data loss and preserving historical audit records. – Automated ingestion and templated reporting pipelines in Python, saving <b>10+ developer-hours</b> 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 <b>40%</b> .	

<b>D.E. Shaw — DESIS Ascend Educare Program</b> <i>Mentee &amp; 2nd Prize Winner (Certificate)</i>	<b>Oct 2024 – Apr 2025</b> 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 <b>TaxSavvy (GitHub)</b> a tax-simplification platform that earned <b>2nd Prize</b> by delivering a user-friendly UI and accurate tax comparisons. – Engineered an automated regime-comparison engine and deduction recommender that improved filing accuracy by <b>25%</b> 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

<b>Campus-Hub 2.0 — DBMS Project</b>	<b>Live Site</b>
– 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 <b>40%</b> improved security posture. – Engineered modular Lost & Found and Marketplace services with RESTful APIs and an image pipeline (on-the-fly resizing & compression $<200\text{ms}$ ), increasing user engagement. – Tech stack: Python, Flask, SQLAlchemy, Docker, Render CI/CD, Flask-mail, Flask session, Pillow, Jinga2, 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).