

# RISHAV TARWAY

[rishavtarway@gmail.com](mailto:rishavtarway@gmail.com) | +91-7004544142 | Gurugram, Haryana, India  
[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Open Source Portfolio](#)

## EDUCATION

### POLARIS SCHOOL OF TECH (STAREX UNIVERSITY)

B.TECH IN COMPUTER SCIENCE &  
ENGINEERING (CSE) – ARTIFICIAL  
INTELLIGENCE & MACHINE LEARNING  
| 8.85 CGPA | 2023– PURSUING |  
GURUGRAM

Relevant Coursework

ML Essentials • Deep Learning •  
Networks • System Design (MERN) •  
Logic • Multiple Langs

### HIGHER SECONDARY

DAV CANTT | 75% | 2022 | GAYA

### SECONDARY

DAV CRRC | 80% | 2020 | GAYA

## SKILLS

### LANGUAGES

Java • C++ • JS • TS • Python

### WEB

HTML • CSS • React • Node.js •  
Express • Redux • REST

### DB & CLOUD

SQL • MongoDB • AWS (S3,  
CloudFront)

### TOOLS

Git • Docker • Selenium • Scrum

### CORE

OOP • DSA • System Design • ML

## ACHIEVEMENTS

- **3 Merged PRs in Stdlib.js:**  
Enhanced core JavaScript utilities;  
improved type safety and  
performance for 1M+ monthly  
users.
- **2 Merged PRs in OpenPrinting:**  
Fixed CUPS driver bugs; enabled  
seamless printing on Linux for  
enterprise users.
- **1st Runner-Up – Hack With  
Uttarakhand** (Team Code Heist):  
Led 36-hour offline hackathon; built  
AI-powered resume generator with  
GPT integration

## EXPERIENCE

### IIIT BANGALORE – MOSIP

Jul–Oct 2025 | Remote | Open Source

#### RESEARCH SWE INTERN

- Built Selenium + Java + Cucumber BDD test suites for government identity systems
- PR #1370: Automated multilingual navigation & eSignet IDP verification
- PR #543: Prevented auto-logout during background sync

### CLASSPLUS

Nov 2024–Jan 2025 | Noida

#### SOFTWARE ENGINEER INTERN

- Improved monitoring by 40% via unique request IDs and Express.js middleware
- Enhanced error tracking in async-local-storage
- Cut response time 25% for 10k+ concurrent users

### TECHVAISTRA

Sep–Nov 2024 | Remote

#### FULL STACK DEVELOPER INTERN

- Built responsive Next.js + TS app integrated with Android
- Enhanced perf 30% via React Hooks
- Designed RESTful APIs for 10k+ user data sync

### TESTBOOK

Sep–Nov 2024 | Noida

#### QA AUTOMATION INTERN

- Built Selenium + ChromeDriver framework 50% faster tests
- Developed test cases uncovering 30+ critical bugs
- Automated repetitive testing processes, enhancing scalability, accuracy, and reducing regression testing time.

### FRANCHIZERZ

Jul–Dec 2024 | Remote

#### FRONTEND DEVELOPER INTERN

- Designed Franchizerz.com UI with React + Next.js + REST APIs
- Applied HTML5/CSS3/JS + OOP for scalable code
- Boosted Lighthouse score 68 to 92 via code-splitting & lazy loading

## PROJECTS

### TECH STREAM COMMUNITY

[Live](#) | [GitHub](#)

- Real-time chat (React + Socket.io + MongoDB + AWS) 500+ users, 99.9% uptime
- Built live monitoring dashboard
- Implemented WebSocket scaling and rate-limiting; handled 500+ concurrent connections with <100ms latency
- Integrated real-time analytics (Chart.js + Redis); enabled live user insights

### SCHOLAR TRACK APP

[GitHub](#)

- Java + SQL console; 60% query boost via HashMap + OOP
- Dockerized with clean architecture
- 60% query boost via HashMap + SQL indexing
- Built Dockerized deployment pipeline (Docker + CI/CD); ensured zero-downtime updates and clean architecture