

RISHAV TARWAY

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[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

IIT 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

TECHVASTRA

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