

Harsh Rajput

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INTERNSHIP

Alteryx (React.js, TypeScript, Redux Toolkit)

Bangalore, Karnataka

Software Engineer Intern

January 2025 - present

- Built a Data Masking Tool for Alteryx Designer Cloud to secure sensitive data in live query mode.
- Implemented column-level masking with Full Format-Preserving Masking options.
- Developed logic for Common Data Format (CDF) building, ensuring engine-independent query transformation.

EDUCATION

Indian Institute of Information Technology

Guwahati, Assam

Bachelor of Technology in Computer Science and Engineering; CGPA: 9

2021 - 2025

Shri Gulab Rai Montessori School

Bareilly, Uttar Pradesh

Class 12th (PCM); Percentage: 97.4%

2020 - 2021

Shri Gulab Rai Montessori School

Bareilly, Uttar Pradesh

Class 10th; Percentage: 95.8%

2018 - 2019

PROJECTS

SkillWise - E-Learning platform | *React, Node.js, Express.js, JavaScript, Bootstrap, MySQL*

[Link](#)

- Developed a full-stack e-learning platform with differentiated panels for students, teachers, and administrators. Utilized JWT token-based authentication for secure user sessions and bcrypt for secure password hashing.
- Implemented robust data management and backend solutions using MySQL for database management and Node.js with Express.js for the backend. Integrated Axios for efficient API handling.
- Designed an interactive and responsive frontend using React with Bootstrap, and employed Firebase for storage solutions. Integrated Razorpay API for seamless payment processing.
- Enabled comprehensive e-learning functionalities including course enrollment, video streaming, course purchasing, rating submission, quizzes, performance analytics, doubt resolution, course management, and admin user management.

TuneFetch: Spotify Playlist Downloader | *React, Node.js, Express.js, OAuth, youtube-dl-exec, fluent-ffmpeg* [Link](#)

- Developed a web application for downloading Spotify playlists, integrating my NPM package 'Song Downloader' to provide users with a seamless music download experience directly from Spotify playlists.
- Enabled users to search and download songs from YouTube via the command line by utilizing the YouTube Data API to fetch video links based on song names.
- Implemented robust audio extraction and conversion using youtube-dl-exec for video downloading and fluent-ffmpeg for converting audio to MP3 format, ensuring efficient file management.
- Featured automated song search, robust error handling, and streamlined the entire download process to enhance user experience.

TECHNICAL SKILLS

Languages and Technologies: C++, JavaScript, React, Node.js, Express.js, Bootstrap, CSS, HTML

Databases and Backend Services: MySQL, Firebase

Developer Tools: Git, GitHub, Postman

Course Work: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management System, Object Oriented Programming, Software Engineering

AWARDS AND ACHIEVEMENTS

Competitive Programming: 3 star coder at Codechef. [CodeChef Profile Link](#)

Semifinalist in HackOn with Amazon Season 3: Among the top 55 teams out of 47,935 total registered teams.

Proposed a solution for the green commerce theme and developed a prototype for Amazon Rebox, allowing customers to return delivery boxes to Amazon and earn green points, which can be redeemed as coupons and rewards [Certificate Link](#)

Semifinalist in Flipkart GRID 6.0: Among top 22 teams, built an API Inventory Management Software.

Top 19% on LeetCode: Contest Rating 1621, solved 350+ problems. [Leetcode Profile Link](#)

1000+ score on GFG: 330+ problems solved on GFG. [GFG Profile Link](#)