

RISHAV JHA

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Skills

- C | C++ | JavaScript | Dart | Python | TypeScript | JavaScript | HTML | CSS | React JS | Jest | Redux | Bootstrap | Tailwind | Django | Flask | Express JS | GraphQL | React Native | Flutter | OOPS | DBMS
- Git | Github | Gitlab | Cloudflare | Amazon Web Services (AWS) | Firebase | Pandas | Matplotlib | NumPy
- MS Excel | Figma | Canva | Unit Testing | Frontend | Backend | Full Stack Development | App Development | DevOps

Education

National Institute of Technology Durgapur

Durgapur, West Bengal, India

B. Tech Mechanical Engineering

Dec 2020 - Present

- **CGPA:** 7.95
- **Relevant Courses:** Introduction to Computer Science, Industrial Marketing, Computational Biology, Industrial Management, Software Engineering, Powerplant Engineering, Gas Turbines & Propulsion, FEM

Experience

Google Summer of Code Contributor

May 2023 - Present

Open-Source Contributor

- Working on **Talawa Admin UI Redesign** - Talawa is a community management website.
- Responsible for website overhaul, including code cleanup, CSS customization, optimization, and responsive redesign without introducing breaking changes, ensuring user-friendly, intuitive design across various screen sizes.

Reliance Industries Limited

May 2023 – July 2023

Summer Intern

- Conducted root cause analysis on STG2 load gearbox thrust failure.
- Gained insights into **power plant operations**, focusing on maintenance and safety practices.
- Studied causes of **gas and steam turbine** failures, enhancing knowledge in turbine systems.

Capricorn Technology

Jan 2022 - Present

Android Developer Intern

- Worked on **Triunits**, the Cryptocurrency exchange app, made using **Flutter**. Created multiple screens within the app to provide a seamless and user-friendly interface, integrated APIs.
- Worked on **Treklers**, a Ride booking app, made using **React Native in Typescript**. Developed the entire app from scratch, designed screens along with socket and API integration.

Helpen.in

April 2022 – May 2022

Flutter Developer Intern

- Worked on Tricket, real-time fantasy cricket game app, made using **Flutter**.
- Gained hands-on experience in app development, developed several screens for the app and API integration.
- As of March 2023, the app has achieved **over 10,000 downloads** on the Google Play Store.

Personal Projects

Placement Management System

- Placement Management System made for colleges, to facilitate the placement process during the placement season ensuring proper coordination among the Placement Coordinators and Career Development Center.
- **Tech Stack** – Django, PostgreSQL, AWS EC2

Buzzpost

- Built a unified blogging platform with a Django-based website and a React Native app, offering features like Likes, Comments & Replies, Trending content, and advanced search capabilities across both platforms
- **Tech Stack** – Django, Sqlite3, React Native, Typescript

Universal Downloader

- UV Downloader is an app that enables users to download HD videos and high-quality audio from various platforms, providing an ad-free premium experience.
- **Tech Stack** – Flask, React Native, Typescript