

# Roshan kumar

(+91)7339712177 | [kumarroshan7461@gmail.com](mailto:kumarroshan7461@gmail.com) | [Linkedin](#) | [github](#)

## EDUCATION

### Indian institute of technology Patna(IIT PATNA)

B.tech in Computer Science CGPA-7.41/10

Bihta,Patna

Aug. 2018 – May2022

### Indian public school

Intermediate(CBSE) Percentage:89.8/100

Purnia , Bihar

Aug. 2015 – May 2017

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, Typescript, SQL

**Tools and technologies:** HTML, CSS, React, Tailwind CSS, Redux, Next.js, Jest, React testing library, Node.js, Strapi(CMS), Firebase, MySQL, AWS Basic,

**Courses taken:** Data structures and Algorithms, Operating System, DBMS, AWS Basics, Computer Graphics, OOP, React and redux development

## EXPERIENCE

### SDE1(Frontend) | Saison Omni

February 2023 - present

#### Platform | *React, Tailwind, RTK Query, Redux, Antd*

- Engineered and implemented the command palette from scratch, optimizing and reducing the processing time of applications from 30 to 10 minutes. This enhancement led to a threefold increase in daily application processing, resulting in a significant threefold boost to the company's revenue.
- Revamped the entire UI and successfully implemented a comprehensive design system, incorporating theme tokening and size tokening. This enhanced accessibility standards significantly and resulted in a remarkable increase in platform acceptance.
- Designed and implemented end-to-end login flow for the platform, encompassing user creation and role-based access control, utilizing CASL to ensure robust and scalable application security.
- Successfully integrated i18n to localize the application, ensuring widespread acceptance in diverse regions through tailored language support.
- Did several POCs for many libraries to be used including the form, component, and localization.

#### Company website | *Next.js, Tailwind, NextUI, Strapi(CMS)*

- Developed a responsive company website from scratch, catering to both mobile and desktop users. Utilized Next.js to optimize SEO performance and integrated Strapi as the CMS for the backend infrastructure.
- Continuously enhanced the experience of non-tech teams by understanding their pain points and developing tailored solutions to address their needs while using CMS.

### SDE1 (FullStack) | Amazon

July 2022 - January 2023

#### Catalog ingestion service | *React, CSS, Typescript*

- Integrated spy Metrics package to the service, which enabled capturing of performance matrices of the workflow activities and created the dashboard for visualization of relevant data points.
- Integrated Canary for health check automation of the service.

#### Code Scanner

- Developed the flagging of Hardcoded URLs and Emails using GQL(Guru Query Language) to avoid problems during internationalization enhancing the automated code review process.

## PROJECTS

### Grade sheet Automator | *Python, PHP, HTML, CSS, Bootstrap*

Jan 2022 – May 2022

Under Dr.Mayank agarwal

IIT PATNA

- Developed a web portal for automating the grade sheet generation for IIT PATNA.
- This reduced the manual work and reduced the grade sheet generation time by almost 60 minutes for a subject and also removed the chances of human error.

## EXPERIENCE AND EXPOSURE

- Obtained All India Rank of 5919 in JEE advanced 2018 and 8232 in JEE main 2018. .
- Mentor at scaler helping students with their doubts on DSA, frontend, system design. .