

# RISHAV CHANDA

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## EDUCATION

**Kalinga Institute Of Industrial Technology** Bhubaneswar, India

2021 - 2025 (Expected)

Bachelor of Technology - Computer Science and Engineering — CGPA: 8.59

Relevant Courses: OOPS, Operating Systems, DSA, DBMS, Computer Networks, Big Data, Artificial Intelligence, Cloud Computing

## SKILLS

**Languages :** Java, C/C++, JavaScript, Kotlin, TypeScript, Python, Jetpack Compose, SQL, Bash  
**Frameworks :** React JS, React Native, Next Js, Nodejs, Express Js, GraphQL, Docker, Kubernetes, TensorFlow, Keras  
**Tools :** Git, GitHub, Postman, Android, AWS, BitBucket, Jira, Figma, Graphana  
**Databases :** MongoDB, PostgreSQL, MySQL, Firebase  
**Platforms :** Linux, Windows, Android Studio, VS Code, Ubuntu, Google Cloud, Jupyter Notebook

## EXPERIENCE

**Neurobit Inc.** | Frontend Engineering Intern

Jun 2023 - Nov 2023 | *Bengaluru, India*

- Enhanced user experiences on **Neurobit PSG & Hybrid**, Portals by **resolving bugs & reduced load time by 40%**.
- Built **Neurobit Analytics** portal using **React Js** with seamless interaction of **REST APIs** using **AXIOS** optimized with **React Query**.
- Refactored** previous code to **TypeScript**, updated with new dependency and **integrated Vite** with **Jest** for **Unit Testing**.

**Flipr Innovations Labs** | DevOps & SDE Intern

Aug 2023 - Oct 2023 | *Bengaluru, India*

- Built **Flipr Connect Platforms** using **React Js** integrated **GraphQL** with **AXIOS**, created **High level Design** and **Figma design**.
- Built Backend with **GraphQL** and **Node JS** and connected with **MongoDb** - **Reducing API calls by 20%**.
- Dockerized** and automated with **Kubernetes & Jenkins CI/CD** deployed in **AWS-EC2** added **Prometheus & Grafana** for monitoring.

**Rudraksha Welfare Foundation** | Android Developer Intern

Jun 2021 - Sep 2021 | *Delhi, India*

- Built **RudraShakti - Astrologer App**, with **MVVM Architecture** using **Java** and **Android Studio** integrating **Firebase SDK**.
- Created **One to One video call integration** with **Socket.IO** and **Firestore cloud functions** and integrated with **Retrofit**.
- Created **Low Level Design** and converted **Figma design to XML code**.

## PROJECTS

**DecisionHub - Rule Builder Application** ([Web Link](#), [Code Link](#))

Dec 2023 - Jan 2024

- Rule builder app useful for banks for segregating users based on some rules and decisions integrating with their database.
- It can handle complex **rules with no code** like **IF ELSE and Nesting** with **mathematical formulas and expressions**.
- It has advanced features like **Version Control, Rule Testing & Debugging, Connecting Bank Db** and creating **rules with AI**.
- Built **Fullstack app** with **Reactjs, Redux, NodeJS, Expressjs** and **PostgreSQL** and **managed a team of 4 members**.

**Podstream - Podcast Streaming Application** ([Web Link](#), [Code Link](#))

Apr 2023 - May 2023

- Redefining the podcast streaming experience with React app providing users to create and stream podcasts at an ease.
- Implemented Fullstack with **MongoDb** connecting **Nodejs & ExpressJS** for **REST APIs** and integrating with **AXIOS** in Frontend,
- Enhanced productivity by **leading a team of 4 members**. Tech stack: **React JS, Node JS, MongoDB, Redux, Firebase storage**

**Brain Tumor Detection using Machine Learning** ([Web Link](#), [Code Link](#))

Jan 2023 - Mar 2023

- Precision in Healthcare - Achieved **99.2% accuracy** with **VGG16 model & Data Augmentation**. Upload photo get predictions.
- Created **REST API** with **Python Flask** integrated model with **Pickel**, **React web app** for the front end and **Dockerized** the whole.
- Tech stack: **Python Flask, Keras, TensorFlow, VGG16, Pickle, React Js**.

**Vexa - Project Management Application** ([Web Link](#), [Code Link](#))

Oct 2022 - Jan 2023

- Crafted a project management app, empowering teams and developer communities increasing team efficiency.
- Tech stack: **Reactjs, Nodejs, MongoDB, Express Js, Docker, EC2**.

**Buckoid- Expense Tracker App (100+ Downloads)**([Playstore Link](#), [Code Link](#))

Dec 2021 - Apr 2022

- Popular expense tracker app with over **100 downloads**, providing budget management and expense tracking - helps to save money.
- Tech stack: **Kotlin, Room Database, Google Drive Cloud API, Android Studio, Firebase**.

## LEADERSHIP

- Corridor Platform Hackathon Winner - 1st position** at HACK-A-DAY by Corridor Platforms out of 50 teams (2024)
- Flipr Hackathon Winner - 1st position** at FLIPR-HACKATHON-17 out of 200+ teams (2023)
- Google Developer Students Club (KIIT)**
- Android Team Lead** - Organized study jams and hackathons to foster skill development. Mentoring and helping the students.