

Astha Nayak

Full Stack Mobile Application Developer



asthanayak.tech



nayakastha



astha-nayak



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Work Experience

INSTITUTE COUNSELLING SERVICES | Application Developer

August 2020 – Current | project-avocado

- ICS Students App is an mobile application for the Institute Counselling Services, NIT Rourkela. Made by using the Flutter framework for the development of the application. This app has more than 3000 active users at any given point of time.
- Modularized old code bases to modern development standards and added new features to The Institute Counseling Services App for the institute students. Worked closely with other team members in troubleshooting and debugging.

KHOJBUI | Technical Lead

Oct 2020 – Jul 2021 | project-khojbuy

- Khojbuy helps in finding a specific product from among the hundreds of retailers of any locality and getting it at the best possible price. It incorporates technology for making the task streamlined. It is active in 2 cities of Odisha.
- Designed and developed two highly interactive applications using Flutter for the front-end and MongoDB and GraphQL for the back end service. Successfully implemented industry level code with a test-driven approach.

INDYTRENDS | Full Stack Solution Architect

Oct 2021 – Current | project-shabd

- This project solves the problem of language barrier in news headlines. With localisation of News into the Indian languages this project aims to reach the interior parts of India and provide the people with current affairs.
- Brainstormed and facilitated the development of the front-end in accordance with the machine learning model and database management system. Emphasised on the user experience for the application.

Projects

PROJECT-MAPLE | Flutter, GraphQL, Node, TypeScript, MongoDB

Jul 2021 – Nov 2021

- AptiChe is an initiative for the AIChE NITR to provide an opportunity to the students to showcase their aptitude skills.
- This project uses the GetX for State Management and Local Storage, Firebase for authentication, GraphQL for the GraphQL Client and MongoDB for database.

ALOHOMORA | Flutter, Firebase, Agora SDK, Razorpay SDK

May 2020 – Jun 2020

- Alohomora combines the idea of social media and e-commerce. The sellers can post the new products that they plan to sell just like Instagram Posts and buyers can directly contact them through the app.
- This project uses Flutter for the app, Firebase for the authentication, Agora for Chat and Video Call SDK and Razorpay for the payment gateway.

NITR AVENUE | Flutter, Auth0 SDK, MongoDB, GraphQL, React, Bloc

Nov 2021 – Current

- A goto app for the students of NIT Rourkela. This application simplifies the life of many students by providing features such as campus guide, news updates, zimbra mail, time table, and much more.
- This project uses Flutter for the app with Bloc for State Management, MongoDB and GraphQL for Database and querying, React for webmail client and Auth0 for mobile authentication

Programming Skills

PROGRAMMING LANGUAGES

C++ • C • Java • Python • SQL • CSS3 • HTML5 • Dart • Kotlin • JavaScript • TypeScript • Assembly • Markdown

LIBRARIES/ FRAMEWORKS

Flutter • Node.js • Firebase • React • Bloc • GetX • LiveData • Retrofit • Firebase • Cordova • XML • Apollo

TOOLS/ PLATFORMS

Git • GitHub • Netlify • Webpack • Heroku • Wordpress • Google Cloud Platform • Amazon Web Services

DESIGN TOOLS

Figma • Canva • Adobe Photoshop

Education

NATIONAL INSTITUTE OF TECHNOLOGY

Bachelor's in Computer Science

Jul 2019 - Present | Rourkela, Odisha

CGPA: 9.49 / 10.00

KIIT INTERNATIONAL SCHOOL

Central Board of Secondary Education

May 2017 | Bhubaneswar, Odisha

Percentage: 95.4 %

Extra Curriculars

ANDROID STUDY JAM FACILITATOR

Conducted a series of workshops and taught around 50+ students the basics of Android Development under the Study Jam Program of Google.

HACKNITR 3.0 LEAD ORGANISER

Lead HackNITR 3.0 - the largest student-run hackathon of India with more than 2,500 participants.

OPENCODE PRESIDENT

Was the president of the Open Source Society of NIT Rourkela and helped the students with Open Source programs like GSoC, Outreachy, LFX

ICS STUDENT MENTOR

Helped 20+ students with coping up with college life and guided them with their academic and extra-curricular needs.