Astha Nayak

Software Development Engineer

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Work Experience

ATLASSIAN │ Software Engineer Intern
May 2022 – July 2022│ **Bengaluru, India**

→ Worked in cohort with the Data Engineering Team on a worldwide Data Lake. Used Spring Boot, Kotlin, Python and Scala for a multi dimensional project that was fully scalable, serving to millions of users.

→ Brainstormed and facilitated the development of the data migration pipeline in accordance with the existing data definitions. Emphasised on the reliability and consistency of the transformation phase in ETL data pipeline.

INSTITUTE COUNSELLING SERVICES │ Application Developer
August 2020 – Current │ **Rourkela, India** │ **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.

KHOJBUY │ Technical Lead
Oct 2020 – Jul 2021 │ **Sambalpur, India** │ **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.

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 go-to 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 web mail client and Auth0 for mobile authentication

Education

NATIONAL INSTITUTE OF TECHNOLOGY
Bachelor's in Computer Science
Jul 2019 - Present │ **Rourkela, Odisha**
CGPA: 9.32 / 10.00

KIIT INTERNATIONAL SCHOOL
Central Board of Secondary Education
May 2017 - Jun 2019 │ **Bhubaneswar, Odisha**
Percentage: 95.4 %

DELHI PUBLIC SCHOOL
Central Board of Secondary Education
May 2004 - Apr 2017 │ **Angul, Odisha**
CGPA: 10.0

Programming Skills

PROGRAMMING LANGUAGES
C++ • C • Java • Python • SQL • CSS3 • HTML5 • Dart • Kotlin • JavaScript • TypeScript • Scala • Markdown

LIBRARIES/ FRAMEWORKS
Flutter • Node.js • Firebase • React • SpringBoot • Databricks • JUnit • JPA • Hibernate • Cordova • XML • Apollo

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

DESIGN TOOLS
Figma • Canva • Adobe Photoshop

Extra Curriculars

PLACEMENT CO-ORDINATOR
Centrally helped in organising the recruitment drive of the year 2022-23. Co-ordinating 3000+ students while leading a team of 23 spanning across various courses and departments

GOOGLE STUDY JAM FACILITATOR
Conducted a series of workshops and taught around 50+ students the basics of Android Development using Kotlin and Flutter 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.

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