

Neelam Mahapatro

☎ 8280030272 | ✉ neelamahapatro36@gmail.com | 🌐 neelamahapatro | 📍 Brahmapur, Odisha, India

EXPERIENCE

SAP Labs

July 2020 – Present

Associate Software Developer

Bangalore, India

- Contributed in development and maintenance of front end applications for Queensland State Government tax portal.
- Collaborated with the team for requirement analysis, documentation, coding and testing following the Software Development Life Cycle.

Phoenix Robotix

Apr 2019 – June 2019

Software Development Intern

Bhubaneswar, India

- Worked on development of REST APIs to handle the authorization and authentication of Aurassure platform.
- Optimized the real time sensor data visualization for Kolkata Urban flood Monitoring application using GraphQL.
- **Highlights:** Urban Flood Monitoring application in Kolkata

IIT Kharagpur

Dec. 2018 – Jan. 2019

Computer Networks Research Intern

Kharagpur, India

- Led the development of back end services for management of real time health sensor data from patients.
- Created Web Interface for doctors to monitor the health data of patients remotely.
- Collaborated with a team to build password based authentication for doctors and fingerprint based authentication for patients.

PROJECTS

Room Automation

- Developed RESTful APIs to remote control various electrical appliances of home. **15 forks** on [Github](#)
- Designed Web UI with secure login system for house members and visualization of live surveillance feed.

Epreuve

- Contributed in development of an online platform to organize technical hunt among **40+** colleges of India.
- Worked on back end scripts and database schemas to create separate portals for admins and users.

Innovision

- Led the development of an online portal for annual techno-management fest of NIT Rourkela
- Managed the registration of **1200+ students**. Developed separate UIs for admins, event organizers and participants.
- Developed APIs to facilitate online payments, email notifications and certificate generation for the participants.

EDUCATION

National Institute of Technology, Rourkela

2016 – 2020

Bachelor of Technology in Computer Science and Engineering

Rourkela, Odisha, India

- **Coursework:** Data Structures & Algorithms, Database Management System, Operating System, Computer Organization and Architecture, Image Processing, Machine Learning
- **Research:** NIT Computer Networks Lab (Published papers - [IoT Healthkit](#), [Room Automation](#))

SKILLS

Languages : Java (Springboot, Junit), JavaScript (NodeJS, ReactJS, SAPUI5), SQL (MySQL, SAP HANA), HTML, CSS, PHP, GraphQL, Python, C++, LaTeX

Other Software : JIRA, GitHub, Asana, Azure, SAP Cloud, Gerrit, Postman, SmartTTY, PuTTY