

# Anisha Swain

SOFTWARE ENGINEER · FULL STACK WEB DEVELOPER

D/74, Koelnagar, Rourkela, Odisha, Pin: 769014

☎ (+91) 8280172851 | ✉ anishaswain2@gmail.com | 🏠 anisha1234.github.io | 📷 anisha1234 | 🌐 anisha1234

## Skills

### Frontend

HTML5, CSS, LESS, Bootstrap JavaScript, Material Design, Ant Design, React, Redux, D3, Google Charts, ThreeJs, JQuery, AJAX, Jest, Puppeteer

### Backend

NodeJs, Express Framework

### Database

MongoDB, MySQL, PostGres

### Image Processing

Python, OpenCV, Matlab, Octave

### Others

Git, Linux, REST, Elasticsearch, GraphQL, RapidMiner, Weka, Java

## Work Experience

### Red Hat India Pvt. Ltd.

Bengaluru, India

ASSOCIATE SOFTWARE ENGINEER (PERFORMANCE AND SCALE ENGINEERING TEAM)

July. 2019 - Present

- Worked on performance monitoring dashboard for User Experience Enhancement using React, Redux and dvajs.
- Worked on Puppeteer and jest for end-to-end testing of performance monitoring dashboard.
- Worked on performance bechmarking tool, "PBench" for enhancing the recording of data and generation of suitable graphs

|

Bengaluru, India

INTERN (PERFORMANCE AND SCALE ENGINEERING TEAM)

Jan. 2019 - June. 2019

- Worked on performance monitoring dashboard for User Experience Enhancement using React, Redux and dvajs.
- Integrated feature to save, d3.js based graph, as png image.
- Developed feature to download PDF from customly selected HTML divisions using JsPDF.
- Used Elasticsearch to fetch data and visualize the files in table tree structure in React for easy file structure rendering.
- Implemented feature to generate shareable link of performance comparison by using Postgres, GraphQL and Prisma for data storage

### Mytrah Energy

Hyderabad, India

INTERN (SOFTWARE ENGINEERING TEAM)

May. 2018 - June. 2018

- Created dynamic data visualization graph for performance analysis tool
- Fetched real-time data from API with mouse scroll event at 60 FPS and plotted time series graph with JavaScript, d3.js and three.js

### Lecturenotes.in

Bhubaneswar, Odisha, India

FRONT-END DESIGNER

sept. 2016 - Dec. 2016

- Developed the User Interface of a knowledge sharing portal with HTML, CSS, Bootstrap and Material Design.
- Created wireframes mock-ups for User Experience Enhancement.

## Research Experience

### Indian Academy of Sciences

Delhi University, India

SUMMER RESEARCH FELLOW

May. 2017 - July. 2017

- Project: Biometric Surveillance System with Gait and Face Recognition
  - An unintrusive biometric surveillance system to recognize any individual from his/her walking pattern.
  - Technology: Microsoft Kinect, RapidMiner, Weka
  - (Selected for oral presentation at " International Conference on Electrical, Electronics, Materials and Applied Science" and published in "AIP PROCEEDINGS".

## Education

### BSE(Saraswati Shishu Vidya Mandir)

Jagda, Rourkela

SECONDARY EDUCATION

March. 2012 - Exp. Aug. 2013

- Percentage: 93.17

### CHSE(Government Junior College)

Panposh, Rourkela

HIGHER SECONDARY EDUCATION

Mar. 2013 - Exp. March. 2015

- Percentage: 84.5

### BTECH(College of Engineering and Technology)

Bhubaneswar

B.TECH. IN INSTRUMENTATION AND ELECTRONICS ENGINEERING

Aug. 2015 - Exp. April. 2019

- CGPA: 8.08

## Projects

---

### Clean Clan Web App()

*TCS Smart India Hackathon*

TEAM PROJECT

*Dec. 2016 - Jan. 2017*

- A web app aims towards bringing a change in the way we conceive the idea of Swachha Bharat Abhiyaan at India by adding Gamification.
- Responsibilities: Implementation of user authentication system and social media sharing feature.
- Technologies: NodeJS , Express ,Bootstrap ,MongoDB, Multer, Twitter API

### Prega Helper

*Camtect Jugadathon*

TEAM PROJECT

*May. 2017 - June. 2017*

- An app dedicated to health monitoring of Pregnant women in rural areas.
- Responsibilities: Back-end integration and language translation with video tutorials .
- Technologies: NodeJS , Express ,Bootstrap ,MongoDB

### Internal Timetable Scheduler

*CET, Bhubaneswar*

PERSONAL PROJECT

*March. 2018 - May. 2018*

- A web app created for automatic creation of internal timetable from csv file data of classrooms and no. of students for colleges
- Technologies: NodeJS , Express ,Bootstrap , MySQL

## Open-Source Contribution

---

2017 **HOSPITALRUN**, Created multiple Pull Requests for UI enhancement and docker deployment

*RGSOC Aspirant*

2018 **AIMACODE-JAVASCRIPT**, Visualization of algorithms and concepts with cohesive narration. Sample Work:  
anisha1234.github.io

*GSoC Aspirant*

## Achievements

---

**TCS Smart India Hackathon, 2017** Got selected in top 10 teams of smart India hackathon

**Knowledgexpo, Delhi, 2017** Represented my College at 22nd International Engineering and Technology Exhibition.

**GenHax Hackathon, BBSR 2018** 1st Runner up for technical solution proposal

## Community Involvement

---

### Zairza Technical Club

*CET, Bhubaneswar*

CORE MEMBER & SOFTWARE COORDINATOR

*Nov. 2016 - April. 2019*

- Responsibilities: Technical Events and meetups Planning. Leading college-fest Website Project, Seminar and Exhibition Organisation, Providing guidance to juniors

### Women Techmake & Google Developers Group

*Bhubaneswar*

CORE MEMBER & VOLUNTEER

*Feb. 2016 - Present*

- Responsibilities: Volunteering at the local Women Techmaker community meetups, Encouraging women in technology, Promotion of new technology among youngsters.

### GirlScript Foundation

*GSSoC-2019*

CORE MEMBER & VOLUNTEER

*Nov. 2018 - Present*

- Responsibilities: Collaboration with website development team

## Writing

---

**Technical Blog** <https://medium.com/anishaswain>

**Concept Visualization** <https://anisha1234.github.io>