# SWASTIK RANJAN GIRI

**Software Engineer**

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- I am a Full Stack developer with industry experience building websites and web applications. I specialize in JavaScript and have professional experience working with Java and React Native. I also have experience working with Web scrapping, API, Node JS and Backend Programming.
- Completed multiple innovative projects using object-oriented programming that involved using creating graphical user Interface platforms using object-oriented concepts of object creation and method declaration.

## EDUCATION

**Bachelor's- Computer Science & Engineering**                                               July 2021

Biju Patnaik University of Technology, Baripada, Odisha with 8.13 CGPA

## TECHNICAL SKILLS

**Programming Languages:** Core Java, JavaScript, SQL
**Web Technologies**: HTML, CSS, Bootstrap, React Native, Feather JS,
**Database:** MongoDB
**Software:** Git, GitHub, Eclipse, Visual-Studio code
**Certifications:** Full Stack Development In Java, JSpiders, Bengaluru
                Full Stack Web Developer Course From Naresh IT, Hyderabad,
                CORE-JAVA from CTTC, Bhubaneshwar,
                PYTHON PROGRAMMING from SILAN TECHNOLOGY, Bhubaneshwar

## WORK EXPERIENCE

**2TAB HEALTHTECH PVT LTD:** Software Engineer                                               04/2022

*It is a health tech product-based startup, which is providing API to Parma industry Along with a lot of functionality,*

*Achievements/Tasks: -*

- **Web Scrapping using Node JS:** Web scraping, webharvesting, or web data extraction is data scraping used for extracting data from websites. Web scraping software may directly access the World Wide Web using the Hypertext Transfer Protocol or a web browser using cheerio library.

- **Data Modelling Using MongoDB:** The key challenge in data modelling is balancing the needs of the application; the data retrieval patterns always consider the application usage of the data with all MongoDB operations like MongoDB aggregation and other.

- **Software Development using MERN:** Contributing to the development of the product which is basically work on React Native for front end and Node JS is used for backend with feathers JS framework and database is MongoDB.

## ACADEMIC PROJECTS

**SHOT LEVEL VIDEO SUMMARIZATION:** Final Year Major Project                                               2021
- Using deep learning: Unsupervised video summarization framework using keyframe extraction. In this project, we present shot level video summarization using deep feature VGG16 deep network and K-means clustering approaches.
- The project involved creation of customized CloudWatch alarms in case of failures and Auto Scaling Groups to maintain high availability and manage online traffic.

**PLOT PRICES PREDICTION:** Python Project                                               2020
- Using machine learning with a simple linear regression algorithm the competition goal is to predict sale prices for homes in India. In this project I was using some libraries like Pandas, Scikit Learn, NumPy, Seaborn.
- Contributed efforts in defining abstract classes and methods, development of a GUI for the user input interaction along with input validations using exception classes.

**Interpersonal Skills**

- Fast Learner
- Ability to Work in a Team
- Leadership Skills

**Interests**

- Chess
- Travelling
- Gamming