SASWAT RATH

+91(966) 809-2094 ⋄ Bhubaneswar, Odisha, India

saswatrath47@gmail.com ⋄ linkedin.com/in/saswat-rath-863284227/ ⋄ saswatrath.netlify.app/

OBJECTIVE

Software Engineer with 1 years of remarkable experience in web development and some experience in Machine Learning and Robotics, I am seeking internships/full-time software developer roles in the web development preferably as a backend developer.

EDUCATION

Bachelor of Technology, Electrical Engineering, Parala Maharaja Engineering College   Expected 2025
Relevant Coursework: Control Systems, Microprocessor and Micro-controller, Digital Signal Processing, Electrical network and systems, Object Oriented Programming, Artificial Intelligence and Machine Learning.
CGPA 7.8

Indian School Certificate, Chinmaya Vidyalaya English Medium   2018 - 2020
Percentage 91.27%

TECHNICAL SKILLS

Languages	Proficient in C++/C, Java, Python, SQL, Javascript and familiar with Typescript
Frameworks and Libraries	NextJS, React, MongoDB, ExpressJS, NodeJS, Numpy, Pandas, Scikit-learn
Tools and System	Git and Github, Linux/Unix

EXPERIENCE

Software Developer Intern   April 2024 - present
ClickUp

- Working on AI powered chrome extension, improving performance of loading by optimising Manifest.JSON source files.
- Moving clustered collected data from scrappers to Db for preprocessing.
- Relocating components of a React based base to NextJS 14.

Open Source Contributor   April 2023 - July 2023
Girls Script Summer of Code

- Contributed to petIndia open source project using React, Tailwind.
- Converted some class based components to functional components to improve performance.
- Developed a filter based search that helps users to browse based on their preferance to produce more accurate search results.

PROJECTS

ML powered eCommerce app   Created an eCommerce app with NextJS, NodeJS, MongoDB, MindsDB, it is capable of predicting user interest pattern on different products on the admin end and suggesting best and available options based on their purchase history on the user end.

AI Based Image Generator Created a text to image converter with Stable Diffusion V4 model and implemented the visuals in a GUI made with CustomTKinter also gained ideas about CUDA enabled Pytorch Modules and their hardware limitations.

Weather Monitoring APP Created a simple web app weather UI using React, Tailwind and JQuery, and OPEN-WEATHER MAP API to take a sample place input and fetch weather of that same respective place. [(Try it here)](#)

EXTRA-CURRICULAR ACTIVITIES

- Actively writing blogs on Hashnode. As a part of learning in public wrote my progress and learnings daily on (Twitter, followed by over 100+ fellow learners.

- Volunteering as Microsoft Learn Student Ambassador(Alpha) of my college.

LEADERSHIP

- Core member of robotics club, conducted workshops and seminars for over 400 students to teach them about microcontroller programming(Arduino and raspberry) with some hands on practice on competitve robots like line follower and maze solver.

CERTIFICATIONS

- Machine Learning A2Z Using Python and R Certificate

- Web Developement Bootcamp 2023 Certificate

- Problem Solving Intermediate By Hackerrank Certificate

ACHIEVEMENTS

- Google CODEJAM Pre-final Rounds