Swaraj Baral

SDE 1

Bangalore, KA

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Profile Synopsis

A software engineer passionate about innovation and skilled in modern technologies. Interested in designing and developing scalable, high-performance web applications and architecture. Proven success in optimizing existing systems and collaborating with cross-functional teams. Possesses strong problem-solving skills and work ethic. Seeking a challenging role in an innovative organization.

Work Experience

Propelld
Bangalore, India

Software Development Engineer - 1
Jan 2022 - Current

- Collaborated closely with cross-functional teams to seamlessly deliver product requirements
- Part of the NBFC team that worked to enhance the lender operations flow and also delivered on a major NBFC integration, to **increase business flow by nearly 30%**
- Architectured and developed a scalable, fault-tolerant webhook framework that **efficiently handles 8 lakh requests per month**, using advanced I/O operations and messaging queues to optimise performance and minimise data loss
- Successfully migrated infrastructure to k8, resulting in a **21% monthly reduction in AWS costs** through compute cost savings and rightsizing instances.
- Awarded the **employee of the month** of the engineering team for the month of March 2023

IIT Dharwad
Remote

Ad Hoc Software Development Intern
Jan 2021 - Dec 2021

- Part of the team that designed a mobile/web application for **efficient vaccine distribution for KIMS Dharwad**
- **Managed and monitored the deployments** using AWS EC2 and AWS RDS
- Webapp link: https://healthcareatkims.co.in/home

Projects

Tasq	A platform for sustainable companies working towards the SDGs to hire like minded people. Click Here
Real time asset tracker	A dummy real time asset tracking website that is meant to be the Frontend for an IoT application. Click Here
Wordle Cracker	Chrome extension for cracking Wordle answers Click Here
JSON to CSV parser	A quick tool to parse JSON to CSV and vice versa Click Here

Education

Silicon Institute of Technology
Odisha, India

Btech in Computer Science and Engineering
Jul 2018 - Jul 2022

- Secretary of college coding and tech club
- Editorial board member of college literary magazine
- Organized intra college hackathon ASCI-2021
- 8.7 CGPA

Buxi Jagabandhu English Medium School
Odisha, India

Senior Secondary Education
2016 - May 2018

- Graduated with 88%
- Part of school's literary society
- Selected as Head boy of the school for the 2016-18 session

Skills

Programming	Javascript, TypeScript, AWS (EC2, WAF, EKS, S3), MySQL, MongoDB, Python, NodeJS, Express, ReactJS, Django, Flask, Ionic
Miscellaneous	Git, Linux, Shell scripting, Firebase, Terraform
Soft Skills	Communication, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2021	**Winner,** SIT Ideathon (Hackathon)	*India*
2019	**Winner,** Yugma 2019 (National level oratory event)	*India*