

RAHUL SINGH

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PROFESSIONAL SUMMARY

Diligent **software engineer** with more than **2 years** of experience in **backend development** with a strong hold in **data structures and algorithms in C++**. Eager to learn, explore and build cutting edge solutions.

WORK EXPERIENCE

Software Engineer at Rooter (India's Leading Game Streaming Platform) January 2022-Present

- Performing **AWS optimizations** on services and scaling applications via **AWS Elastic Kubernetes Service**.
- Designing and Implementation of **Payment Services, E-commerce store** for Gaming and in app notification architecture for more user engagement.

Software Engineer at Byju's Exam Prep May 2020-Present

- Designed and Implemented a **content sharing platform** for freelancers and content writers to share content with the team, get paid for it and be updated with the status.
- Implemented automatic sitemap generation using **messaging queues** and **REST API architecture** to provide better visibility to search engine crawlers and more accurate search results.
- Implemented and Trained a **Deep Learning Model** using **TensorFlow Library** and **Python** to detect **profanity** in an image.

Google Summer Of Code 2019 May 2019-Sept 2019

- Selected as **1 of 2 participants out of 25+ candidates** for the 3 month **internship** for designing and developing an invitation system in Open Source Event Manager for **openSUSE organization**.
- Designed the APIs, build the **user interface** and wrote the test cases and tests for the complete module.

ACHIEVEMENTS

Winner at Smart India Hackathon Aug 2020

- Won **1st place** out of **50+ teams** nationwide by working with 5 colleagues to develop a **web application** that includes a **rich text editor with real time collaboration** of users along with **video chat**, for a government e commerce portal.

Google Code In 2019, TensorFlow Dec 2019

- Mentored school students and helped them in contributing to open source projects such as TensorFlow.

2nd Position at BYJUS Hackathon Nov 2020

- Won **2nd place** out of **9+ teams** in an annual hackathon organized by ByjusExamPrep by working with 3 colleagues to develop a **game** using reactjs and its libraries.

Published Research in Springer Journal Nov 2020

- **Breast Cancer Classification Using Transfer Learning** in LNEE, Springer, 2020.

EDUCATION

JSS Academy Of Technical Education, Noida 2016 - 2020

Bachelor of Engineering in Information Technology. CGPA: 8.03/10.00

Uttarakhand Public School, Noida 2015

12th Standard CBSE. Percentage: 84

TECHNICAL SKILLS

- **Programming Language:** C++, Python, Javascript
- **Programming Frameworks:** ExpressJS, Flask
- **Database:** MYSQL, PostgreSQL, Cassandra, DynamoDB
- **DevOps:** Git, Docker, Kubernetes, CI/CD

Profile Links: [Linkedin](#) . [Github](#) . [CodeChef](#) . [LeetCode](#)