

# Sangam Kumar

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## EXPERIENCE

### HackerRank

Bangalore, IN

Senior Software Engineer

July. 2022 – Present

- Building Runtime Manager to help recruiter to choose/customise better runtime environment instead of choosing between limited environment.

Software Development Engineer II

Jan. 2021 – June. 2022

- Responsible for DevOps Engineer Assessment tool improvements for achieving overall better scale, user experience, and performance.
- Responsible for integrating DevOps Engineering Question to Codepair/Interview.

Software Development Engineer I

July. 2019 – Jan. 2021

- Scaled SudoRank, a DevOps Engineers Assessment tool, to 10x to support thousands of concurrent sessions of EC2 instances.
- Worked with HackerRank Projects team to deliver features that assess role-specific skills with full access to complete application environments.

Software Development Engineer Intern

Jan. 2019 – July. 2019

- Joined HackerRank Community team. Migrated components from Backbone to React.
- Developed an Icon library that transforms the SVG icon into a React component.
- Improved the method to compute HackerRank's compatibility with the user's browser.

### Google Summer of Code

Remote

Student Developer

Apr. 2018 – Aug. 2018

- Joined <https://coala.io> organization. Improved automated tests of <https://github.com/coala/coala>, an open-source language-independent code analysis tool.
- Created 2 Bears(static analysis tools) for Ruby and 1 Bear for Crystal by wrapping Brakeman, Fasterer and Ameba respectively.

### IIT Mandi

Mandi, IN

Research Intern

Nov. 2017 – Jan. 2018

- Joined Applied Cognitive Science Lab. Improved prediction model of landslide data using z-score of collected data of soil movements.

## EDUCATION

### National Institute of Technology Sikkim

Sikkim, IN

Bachelor of Technology, Computer Science and Engineering

Aug. 2015 – May. 2019

## PROJECTS

All Public Projects are available at my GitHub profile: <https://github.com/sangamcse>

### VS Code Theme Shadow

Abhiyantran, 2017

ECMAScript

JavaScript, JQuery, Php

- A customizable VS Code editor dark theme.

- An interactive college techfest website.

### Train Ticket Status CLI

Cricket Now

Python

Flutter

- A CLI tool to check passenger name record in Indian Railway, using Python3 and requests module.

- Android mobile app to watch live cricket scores, match history, ranking.

## SKILLS

**Frontend:** React, Next.js, Backbone, Tailwind, SASS

**Backend:** Rails, Python, Go, Node/Express

**Mobile:** Flutter

**DevOps/Infra:** Kubernetes, CI/CD, (micro-)service oriented architecture

**Tool/Services:** Git, GitHub, AWS, GCP, Docker