

Sangam Kumar

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EXPERIENCE	HackerRank <i>Software Development Engineer II</i> <ul style="list-style-type: none">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. <i>Software Development Engineer I</i> <ul style="list-style-type: none">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. <i>Software Development Engineer Intern</i> <ul style="list-style-type: none">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 <i>Student Developer</i> <ul style="list-style-type: none">Joined https://coala.io organization. Proposed code enhancement for coala Bears Testing API https://github.com/coala/cEPs/blob/master/cEP-0027.md.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 <i>Research Intern</i> <ul style="list-style-type: none">Joined Applied Cognitive Science Lab. Improved prediction model of landslide data using z-score of collected data of soil movements.	Bangalore, IN <i>Jan. 2021 – Present</i> <i>July. 2019 – Jan. 2021</i> <i>Jan. 2019 – July. 2019</i> Remote <i>Apr. 2018 – Aug. 2018</i> Mandi, IN <i>Nov. 2017 – Jan. 2018</i>
EDUCATION	National Institute of Technology Sikkim <i>Bachelor of Technology, Computer Science and Engineering</i>	Sikkim, IN <i>Aug. 2015 – May. 2019</i>
PROJECTS	All Public Projects are available at my GitHub profile: https://github.com/sangamcse VS Code Theme Shadow <i>ECMAScript</i> <ul style="list-style-type: none">A customizable VS Code editor dark theme. Train Ticket Status CLI <i>Python</i> <ul style="list-style-type: none">A CLI tool to check passenger name record in Indian Railway, using Python3 and requests module.	Abhiyantran, 2017 <i>JavaScript, JQuery, Php</i> <ul style="list-style-type: none">An interactive college techfest website. Cricket Now <i>Flutter, Dart</i> <ul style="list-style-type: none">Android mobile app to watch live cricket scores, match history, ranking.
SKILLS	Frontend: React, Backbone, Tailwind, SASS, Next.JS Backend: Rails, Python, Node/Express Mobile: Flutter, React Native, Android App Development DevOps/Infra: Kubernetes, CI/CD, (micro-)service oriented architecture Tool/Services: Git, GitHub, AWS, GCP, Docker	