

# Saurabh Kumar

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## Experience

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### Peak AI

Jaipur, India

SENIOR SOFTWARE ENGINEER

March 2020 - Present

- I started off as Software Engineer in March 2020, and was promoted to Senior Software Engineer in July 2022.
- Implemented a couple of fault-tolerant and scalable microservices and deployed them on Kubernetes(EKS) using Terraform. One of the services is being used by many other services and has helped improve their stability.
- Integrated FluentBit in the existing Kubernetes infrastructure that allowed us to eliminate the lost logs issue we were having. Also, used server-sent events to stream these logs in real-time.
- Maintained and added new features to a few of the most used services of the system. Worked extensively on both the backend and frontend of these services.
- Technologies : Node.js, JavaScript, TypeScript, Python, React.js, PostgreSQL, Docker, Kubernetes, Terraform, AWS, Jest

### Jugnoo (Click Labs)

Chandigarh, India

SOFTWARE ENGINEER

July 2019 - February 2020

- Collaborated with the hardware team to integrate key less bike rides in the application. Wrote APIs for various features including - location update, taking actions, etc. Created the data schema for the same as well.
- Worked on the integration of various Payment and SMS Gateways in the application including Stripe 3D flow integration.
- Wrote production level code for implementation of various new features and changes to old features including - fixed routes shuttle service, manual selection of drivers, promotions and referrals, etc.
- Technologies : Node.js, MySQL, Kibana

### ChironX

Remote

PRODUCT DEVELOPMENT INTERN

March 2018 - April 2018

- Worked as a full stack developer to create a new application for reviewing trainee doctors in medical colleges and hospitals.
- Implemented the backend for the application including design and implementation of data schema, and the complete flow for the application.
- Created front end for the application in HTML, CSS, and JavaScript and ported it to an Android as well as iOS application using Cordova
- Technologies : HTML, CSS, JavaScript, Node.js, MongoDB, Cordova

### Cogoport

Mumbai, India

WEB DEVELOPER INTERN

May 2017 - June 2017

- Worked mainly as a front end developer and implemented various features for the product website.
- Implemented front end for various features including - Notifications, Forgot Password, and Dashboard.
- Worked extensively on Google Maps API to show custom data, path, and animations on the maps on the website.
- Technologies : HTML, CSS, JavaScript, React.js, Redux, Node.js. Socket.io

## Education

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### NIT Hamirpur

Hamirpur, H.P, India

DUAL DEGREE (BACHELORS AND MASTERS) IN COMPUTER SCIENCE AND ENGINEERING

CGPI : 8.96/10(B.TECH), 9.40/10(M.TECH)

2014 - 2019

## Skills

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### Programming

JavaScript, Python

### Web

JavaScript, Node.js, React.js, TypeScript, HTML, CSS

### Others

SQL, Docker, Kubernetes(Beginner), Jest, Git, Linux

## Projects

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### Hack on Hills Website (<https://github.com/appteam-nith/HackOnHills>)

WEB DEVELOPER

- Designed and Implemented the official website for third and fourth edition of Hack on Hills, one of the biggest student-run hackathon of north India.
- Technologies - HTML, CSS, JavaScript, Inkscape

## Achievements

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- Organizer of Hack on Hills third and fourth edition, which is one of the largest student-run hackathon of North India.
- Secured 97.4% and got 4th Rank in Bihar in 2014 Senior Secondary Examinations, CBSE.