

# SANDEEP PRASAD JAISWAL

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## WORK EXPERIENCE

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### Disney+ Hotstar

Software Development Engineer I

Bengaluru

August 2021 - Present

- Implemented new features on internal tools built using React and Ruby
- Integrated monitoring and observability tools like Grafana and Victoria Metrics with existing backend services
- POC on different libraries for distributed tracing
- Built a tool for load shedding on Ambassador API Gateway during high concurrency live streaming events
- Work extensively with Kubernetes for deploying and scaling hotstar infrastructure
- Took on-call responsibility for DevOps team and helped resolve Live issues

### Thoughtworks

Application Developer

Bengaluru

June 2019 - August 2021

- Developed highly scalable microservices using Java and spring boot for various clients
- Ran performance tests for backend services using Python and Locust and optimized them to handle over 3000 req/sec
- Used Event Driven architecture to communicate between multiple microservices
- Built and shipped a workflow orchestration engine from scratch using Java and Spring Boot
- Organised multiple Data Analysis workshops using Python and Pandas
- Mentor new graduates and help them getting started in the organisation
- Contributed towards delivery of each project (analysis, development and testing)
- Interfaced with clients on a weekly basis, providing technological expertise

## SKILLS

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Programming Languages:	Java, Python, JavaScript, Rust, Go
Infrastructure:	Kubernetes, Docker, GoCD
Monitoring Tools:	Victoria Metrics, Prometheus, Grafana
Databases:	SQL Server, Apache Cassandra, PostgreSQL, MongoDB
Frameworks:	Spring Boot, Angular, Flask, Locust, Pandas, Numpy
Cloud Platforms:	Google Cloud Platform, Amazon Web Services
Other Technical Skills:	Apache Kafka, Web Scraping, Data Analysis using Python

## PERSONAL PROJECTS

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### SocialHub *React, Python, FastAPI, MongoDB*

<https://socialhub.sandyjswl.com/>

SocialHub is a website where you can share all your social media links using one url. Create a profile and add references to all your social profiles. Built using React and Python.

### Vital Monitoring *Python, SQLite, Ionic, Docker*

Contributed to an Open Source project for an NGO to monitor the vitals of patients during COVID-19. This was deployed on an IoT device and it monitored all the essential vitals of patients in a COVID ward and informed the doctor in case of an emergency.

### Cricket-Statsguru *Python, Angular, FastAPI, Pandas, Matplotlib, Google Cloud Platform*

Cricket-Statsguru is a web application where you can see cricket statistics of a particular player both graphically and numerically. The app also allows users to compare the stats of any two players. Built using Angular and Python.

### Shopping Price Alert *Python, BeautifulSoup, Angular*

Shopping Price Alert is a web application where users can enter the URL of a product from Amazon/Flipkart and they will be notified as soon as there is a price drop in the selected product. Built using Angular and Python.

## EDUCATION

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### Siliguri Institute of Technology

Bachelor of Technology Computer Science *GPA: 8.57*

Siliguri

August 2015 - June 2019