

# Kartikay Bansal

## Contact Details:-

Email:- [kartikay.bansal2014@gmail.com](mailto:kartikay.bansal2014@gmail.com)

Contact Number:- 8299219584/9554260301

## ABOUT ME

Skilled Software Engineer with a 1-year track record in Python, Go, TypeScript, Node.js, SQL, JavaScript, and NoSQL, delivering robust solutions within tight deadlines. Proven ability to collaborate effectively with cross-functional teams and adapt swiftly to evolving tech trends. Committed to enhancing operational efficiency and product quality.

## EXPERIENCE

### Postman, Bangalore -

#### - Software Engineer

Jun 2022 - Present

- Spearheaded the design, development and testing of Observability, a SaaS solution to identify vulnerabilities and high observability metrics such as Error rate, Latency, Throughput and so on. Aimed at aiding high-performance engineering teams in identifying problematic APIs and implementing corrective actions.
- Engineered Live Collection, a GUI tool that helped tech teams to collate data around all external API calls pertaining to their services, and also surface any changes to endpoints. 90% of internal teams transitioned to using this product to track the overall health and performance of their services. Also went above and beyond and contributed to Performance Testing and building Compatibility matrices. Made sure that service can handle more than 5000 rpm for handling our wide customer base.

#### - Data Engineer, Intern

SEP 2021 - Jun 2022

- Helped analytics transition from manual extraction and analysis of data from MySQL to ready-to-consume pipelines on Looker. Also worked on data transformation jobs to aggregate data from multiple sources and fit them into a pre-defined structure. Reduced data analysis cycle time from hours of writing queries to minutes.
- Crafted a data validation tool that analyzed the Looker dashboard queries for errors and integrated with Slack to notify the respective stakeholder.

### Sapio Analytics, Mumbai, Maharashtra - Data Analyst Intern

JULY 2020 - SEPTEMBER 2020

- Consuming data from Government APIs, used ReactJS to visualize it in the form of interactive dashboards. This was used by senior officials in Indian Railways to track metrics such as Incident rate, safety metrics etc.
- Built an app using React Native that was utilized by senior government officials to automate the tasks of data collection and analysis.

### WOMEN for INDIA, New Delhi, Delhi - Android App Development Intern (React Native)

JUNE 2020 - AUGUST 2020

- Worked on the React Native-based Mobile Application which gave users an overview of their carbon footprint and suggested simple measures to reduce it.

## EDUCATION

### Bennett University, Greater Noida - Bachelor of Technology

JULY 2018 - JULY 2022

Final CGPA: - 9.03

## LINKS:-

- Github: [KartikayB](#)
- LinkedIn: [Kartikay Bansal](#)
- Medium: [kartikay.bansal2014](#)

## SKILLS

### Experienced:-

- Python (Async, FastAPI)
- Cloud (AWS)
- React Native
- Git (Bitbucket, GitHub, GitLab)

### Intermediate:-

- Go
- Typescript
- Linux
- SQL (MySQL)
- NoSQL (MongoDB)
- CI/CD
- Node.js, React.js

### Worked With:-

- Kafka
- Singer Taps/Targets
- Looker
- NewRelic
- Android Studio

### Soft Skills:-

- Stakeholder Management
- Active Listening
- Business Communication
- Adaptability

## PUBLICATIONS

### “Safest Route Detection via Danger Index Calculation and K-Means Clustering” —

CMC-Computers, Materials & Continua

21 July 2021 - [Link](#)

## PROJECTS

### [Safest Route Suggestion](#) - Python, Javascript

Giving the user the safest path between any two locations on the map. Aimed at decreasing the crime rate and making people feel safer on newer and unknown routes and places.

### [Virtual Labs](#) - HTML, CSS, JavaScript (Canvas)

Collaborated with IIT Roorkee Team to build a virtual lab on the topic “Flow Control Protocols”.

### [Babble](#) -HTML, CSS, JavaScript

Developed a site as a side project for a freshly started organization that takes care of and provides treatments and therapy to children with special needs.

## ACHIEVEMENTS

- Winner at Technovation Hackathon, Sharda University
- 1257th rank Internationally on Google Hashcode