

KSHITIJ BAJPAI

+91 6393861700 | hbajpaikshitij@gmail.com | linkedin.com/in/Kshitij-Bajpai

Experienced Full-Stack Developer with 3+ years of crafting scalable and resilient code

Experience

Antino Labs PVT LTD, Software Developer, GURGAON, INDIA

Oct 2022 - Present

- Directed a cross-functional team of 10 developers and designers, driving the successful completion of 3 client projects within time and budget constraints.
- Pioneered the adoption of **agile methodologies**, amplifying team productivity by 25% and streamlining project delivery, reducing timelines by 20%.
- Optimized code efficiency through strategic utilization of **MongoDB aggregate**, achieving a remarkable 40% acceleration in query response time, significantly boosting overall user experience.
- Orchestrated the seamless integration of **Razorpay, Phonepe, Instamojo**, and **Stripe** payment gateways, optimizing pay-in and pay-out processes, resulting in a 40% increase in successful transactions.
- Integrated **Google Calendar, Latex (Certificate, PDF), Cron scheduler, Twilio** and **SendGrid**, elevating project functionalities and ensuring a robust operational framework.

Infosys PVT LTD, Senior System Engineer, BANGLORE, INDIA

Nov 2020 - Sep 2022

- Successfully implemented **SDLC** practices at British Telecom (BT), resulting in a 20% reduction in software development time.
- Optimized database **query performance** by implementing advanced indexing techniques, resulting in a 20% reduction in execution time for **MySQL** and **Druid** queries, enabling **real-time data analysis** and reporting.
- Developed **Kafka stream** pipeline for **real-time data processing** of 14-15 million hourly data & enhanced it's quality by 50%.

Skills

Technical	Algorithms, Data Structures, Design Patterns, OOPs, Microservices, REST
Languages	Java/J2EE, Javascript, C++, HTML, CSS, SQL
Frameworks	Spring Boot, Express, NodeJS, ReactJS
Database	MySQL, MongoDB, Redis, Druid, Data JPA, Hibernate
Tools	Git, CI/CD, Linux, AWS services (EC2, Lambda, S3), Jira, Postman, Swagger, Docker, Kubernetes

Projects

India Legal App

Feb 2023 - Nov 2023

Antino Labs | <https://www.indialegalapp.com/>

- Spearheaded the design, development, and management of a groundbreaking user-friendly platform that seamlessly connects individuals seeking legal assistance with local Advocates based on location, practice area, and expertise.
- Revolutionized accessibility to legal counsel by enabling seamless communication for case estimates, breaking down barriers to legal representation.
- Introduced innovative per-minute call options to cater to time-constrained individuals seeking prompt legal advice, addressing the need for immediate legal guidance.
- Enhanced overall user experience by providing effortless access to essential legal documents such as contracts and wills through the app, streamlining the legal journey for individuals.

British Telecom Cvlan Monitoring

Aug 2021 - Sep 2022

Infosys

- Architect and implemented a highly scalable system capable of efficiently ingesting hourly router data, empowering real-time identification and analysis of router throughput fluctuations.
- Masterfully handled the complexities of managing 14-15 million hourly data points by establishing a robust storage and processing infrastructure. Proactively addressed poor data quality issues, meticulously cleansing errors, missing values, and inconsistencies to ensure data integrity for analytical purposes.
- Navigated the challenges of diverse data sources with varying key fields by employing meticulous selection and transformation techniques to facilitate streamlined database storage and near real-time updates on the dashboard.
- Leveraged Kafka streams for data analysis and filtering, enabling pinpoint identification of router upgrade needs across statewide router networks. This proactive approach directly impacted user experience improvements by prioritizing enhancements in areas of critical need.

Education

8.02 GPA **BTech | Computer Science and Engineering**, Galgotias College | GREATER NOIDA, INDIA

2016-20

89% **Senior Secondary Schooling**, Kendriya Vidyalaya | ADAMPUR, INDIA

2014-15

10 CGPA **Secondary Schooling**, Kendriya Vidyalaya | ADAMPUR, INDIA

2012-13