Sumit Bansal

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Linkedin | GitHub | Portfolio | Leetcode

OBJECTIVE

A software engineer with strong fundamentals in Data Structures, Algorithms, and Object-Oriented Programming. Proficient in modern languages and frameworks, with hands-on experience in a fast-paced, product-based environment. Eager to contribute to impactful product growth and scalable solutions.

TECHNICAL SKILLS

- **Languages:** JavaScript, Java
- **Backend:** Node.js, Express.js, Kafka
- **Database:** MySQL, MongoDB, Redis
- **DevOps and Tools:** Docker, AWS, Git, Elasticsearch, Kibana, Postman, Jira, Linux, CI/CD
- **Frontend:** React, HTML, CSS

WORK EXPERIENCE

Backend Developer - Visit Health (Noida, India)   **04/2024 - Present**

- Contributed to the Visit Health app, which has over **1 M+ Android downloads** and handles **12 M+ requests daily**.
- Implemented a **rate limiter using Redis** to control document uploads and prevent overload during high traffic.
- Scaled client handling using **Kafka**, **caching**, and a **master-slave architecture** to ensure smooth performance.
- Automated lab report processing in the Smart Report system, working with the AI team to reduce costs by **90%**, saving the organisation around **₹18,00,000 per month**.
- Developed a **generic solution for client integration and error logging**, enabling onboarding through a single codebase and shared tables, reducing redundancy and improving maintainability.
- Working tech stack includes **Node.js, Express.js, React.js, Redis, MySQL, AWS and Git tools such as DataGrip, Kafka, Elastic, Kibana, etc.**

Associate Software Engineer - Indus Net Technologies (Kolkata, India)   **03/2022 - 04/2024**

- Developed a method to enhance data uploads to Amazon S3, strengthening security and accelerating upload and download speeds by 50% using streams and the Zlib library.
- Improved browser compatibility by optimising 30 video and 23 file formats, ensuring seamless playback and document access across different browsers and devices using child processes.
- Designed a dynamic WhatsApp chatbot capable of turning any set of questions into user-friendly chatbot queries, making it suitable for a wide range of industries using WhatsApp business APIs.
- Working tech stack includes **Node.js, Express.js, React.js, MySQL, MongoDB, Python, Flask, Strapi, AWS, Git, Docker, Kubernetes and tools such as Filezilla, VS Code, etc.**

AWARDS and ACHIEVEMENTS

- **Hackathon (The Battle of Best Ideas) Winner - Indus Net Technologies**   **02/2023**
  Achieved 3rd place in a multi-round competition, showcasing innovation from pitching the idea to developing a proof-of-concept (POC) and presenting it to judges. This collaborative effort involved a 3-member team.
- **Winner of Quality of Code Contest - Indus Net Technologies**   **08/2022**
  Awarded first place for demonstrating and following outstanding coding practices.

EDUCATION

Bachelor of Science (BSc) - Lucknow University   **07/2017 - 11/2020**