+918542859018 | aryankumar2003may@gmail.com | [LinkedIn](https://www.linkedin.com/in/ak-aryankumar/) | [GitHub](https://github.com/aryankumar2003/) | [LeetCode](https://leetcode.com/u/aryankumar2003may/) | [GeeksforGeeks](https://www.geeksforgeeks.org/user/aryankumaebky/)

**Summary**

Motivated Computer Science Engineering student with proven skills in JavaScript, C++, Python, and SQL. Experienced in web development and software design with strong problem-solving abilities. Passionate about technology and eager to apply technical expertise at Google to enhance product solutions for global customers.

**Education**

**Raj Kumar Goel Institute of Technology, Ghaziabad, India** | B.Tech in Computer Science and Engineering | 2022 - 2026

* **Relevant Coursework**: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Software Engineering.

**Selective Projects**

**Collaborative Board Management Platform |** [**Link**](https://github.com/aryankumar2003/real-time-board-app) **|** Next.js, TypeScript, Tailwind, Clerk Auth, Convex

* Built a collaborative workspace with real-time canvas for drawing, text editing, and sticky notes
* Implemented responsive UI using Shadcn components with comprehensive multi-organization support
* Integrated Clerk authentication and efficient search functionality for team collaboration
* Designed a scalable board management system with favourites, sharing, and real-time updates across users

**Scalable API Monitoring Tool |** [**Link**](https://github.com/aryankumar2003/Api-Monitoring-tool) **|** Python, FastAPI, Prometheus, Grafana, Docker, SQL

* Developed an internal monitoring service to track performance and health of REST APIs across multiple environments
* Implemented Prometheus-based metrics collection for automated detection of latency spikes, failures, and downtime
* Visualized real-time data using Grafana dashboards and alerts, enhancing observability and troubleshooting speed
* Containerized the app with Docker and managed service orchestration using Docker Compose for easy deployment

**Skills**

* **Programming Languages:** C++, Python, JavaScript, TypeScript
* **Backend Development:** Node.js, Express.js, RESTful APIs, Next.js, Convex, Firebase
* **Frontend Development:** React.js, HTML5, CSS3, Tailwind CSS, Recoil, Shadcn
* **Databases:** SQL (MySQL, PostgreSQL), MongoDB
* **DevOps:** Git, GitHub, Docker, Linux
* **Core Competencies:** Data Structures and Algorithms, Object-Oriented Programming, Software Design Principles

**Achievements**

* Participated in robotics and development hackathons, demonstrating a passion for innovation and problem-solving.
* Solved 300+ algorithmic problems on LeetCode, GeeksforGeeks, and CodeChef, showcasing strong problem-solving and coding skills.