SAHIL RAJ

+91 (620) 090-6520 ◇ Bengaluru, KA

sahil27raj@gmail.com ◇ [LinkedIn](#) ◇ [Portfolio](#) ◇ [GitHub](#)

OBJECTIVE

Full-stack MERN developer focused on building scalable, user-friendly web applications. Expertise in React.js, Next.js, MongoDB, Express.js, Node.js, RESTful APIs, and modern web technologies.

EDUCATION

Master of Computer Applications (MCA), Chandigarh University   2022 - 2024
CGPA: 7.95
Bachelor of Computer Applications (BCA), Gossner College, Ranchi   2019 - 2022
CGPA: 8.8

SKILLS

Languages	Java, JavaScript, TypeScript, SQL, NoSQL
Frameworks	Spring Boot, React.js, Next.js, Node.js, Express.js
Databases	MongoDB, PostgreSQL, Redis
Tools	Kafka, BullMQ, Elasticsearch, Docker, AWS, Firebase, Git

EXPERIENCE

Software Development Engineer 1 (SDE 1)   July 2025 – Present
Nineleaps Technology Solutions   *Bengaluru, KA*

- Developed a scalable **microservices architecture** using **Node.js, Express.js, and Spring Boot**, improving API communication and reducing inter-service latency by **35%**.

- Integrated secure **OAuth 2.0 (Google)** authentication and implemented **Kafka**-based event pipelines for high-throughput real-time streaming with sub-second processing.

- Optimized performance using **Redis caching**, **BullMQ job queues**, and **Elasticsearch**, enhancing responsiveness and search speed by up to **60%**.

- Improved **MongoDB** and **PostgreSQL** efficiency via indexing optimization and collaborated with DevOps to build **Docker-based CI/CD pipelines**, cutting deployment time from days to hours.

Full Stack Developer   October 2024 – June 2025
O2N Enterprises   *Ranchi, JH*

- Built a GPS-enabled vehicle tracking platform using **TypeScript, Node.js, and Spring Boot**, delivering real-time tracking accuracy with sub-meter precision.

- Integrated **Firebase authentication** and automated onboarding via **Mailtrap**, reducing manual effort by **70%** and developing optimized **RESTful** and **GraphQL APIs** for third-party integrations.

MERN Stack Developer   November 2022 – October 2024
Klizo Solutions Pvt. Ltd.   *Kolkata, WB*

- Improved frontend performance by **25%** through optimized **React.js** components and efficient **Redux** state management.

- Incorporated **Google Maps API** to enable dynamic geolocation services and enforced secure authentication via **JWT**, **OAuth**, and role-based access control.

- Migrated asset storage to **AWS S3**, lowering hosting expenses by **20%** and accelerating content delivery.

- Expanded use of **GraphQL APIs** to reduce network calls by **30%**, improving data fetching efficiency.