

# RAVI KUMAR

FULLSTACK DEVELOPER

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## PROFESSIONAL SUMMARY:

Experienced Full Stack Developer with 2+ years of expertise in MERN Stack. Adept at translating business requirements into technical solutions and delivering high-quality, efficient code in fast-paced environments. Committed to continuous learning and staying current with industry trends.

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## SKILLS:

**FRONTEND** : HTML, CSS, React Js, Redux, Next Js

**BACKEND** : JavaScript, Node Js, Express Js, TypeScript, Redis, SQL

**DATABASE** : MongoDB, Prisma ORM with Postgres,

**DEVOPS** : GIT, Docker, AWS - (EC2, EKS, S3), Kubernetes

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## EXPERIENCE:

### Programmer Analyst

Cognizant Technology Solutions Ltd.

June 2022 – Present

- Designed and implemented **RESTful APIs** and integrated third-party APIs and **microservices** using **Node.js** and **Express.js**, ensuring scalable and maintainable server-side applications.
- Performed CRUD operations in **MongoDB**, leveraging its flexible schema to manage and manipulate complex data effectively.
- Designed and managed components to enhance user interaction using **React.js**, resulting in a **50% increase** in positive customer feedback. Utilized **Redux** for state management.
- Worked as a productive and positive team member to design, code, test, report, and debug tasks.
- Used **express-rate-limit** middleware drops resource usage by **20%**, allows **OTP input** only 3-times to prevent attacks from unknown users and added **CAPTCHA** with Cloudflare mitigate bot attacks.
- Utilized **Redis** as a queue and for pub/sub to create a highly scalable and flexible communication system and caching, achieving website load times within 600 ms.
- Implemented test-driven development using **Postman** and wrote test cases using frameworks like **Jest** and **Vitest**, isolate tests from external dependencies using mocks and spies which reduce **defect-rate** by **30%** compare to traditional method.
- Comfortable with **Git**, **Docker**, and CI/CD pipelines for coding, testing, and deploying applications.

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## EDUCATION:

Bachelor of Technology in Electronics and Communication Engineering

Haldia institute of technology, West Bengal

August 2018 – June 2022

CGPA: 8.86