

Ashish Bhushan Kumar

[Github](#) | [Linkedin](#) | [✉ abhushan064@gmail.com](mailto:abhushan064@gmail.com) | [☎ +91 7754864813](tel:+917754864813)

SUMMARY

Passionate full-stack developer with hands-on experience in building scalable web applications, APIs, and dashboards. Skilled in modern JavaScript frameworks, backend systems, and databases, with a strong focus on clean architecture and performance.

WORK EXPERIENCE

Backend Developer Intern

Jul 2023 – Sep 2023

Ekalsutra Pvt. Ltd.

- Designed and implemented a microservices-based school **ERP platform** using **React and MongoDB**, enhancing modularity and scalability across modules.
- **Optimized** backend performance by refining **database queries**, implementing caching strategies, and establishing robust **data validation workflows**.
- **Improved** API design and **standardized inter-service communication protocols**, reducing integration complexity and supporting future feature extensions.
- **Collaborated** with frontend developers to integrate APIs, ensuring consistent data flow and **React-based dashboard** functionality.
- **Documented** system architecture and workflows to facilitate onboarding and maintain code quality.

Full Stack Developer

Nov 2023 – Apr 2024

Umun Tech

- **Built and containerized microservice-based backend systems** for financial applications using Java and Docker, improving deployment reliability and scalability.
- **Developed** a production-grade full-stack **insurance application** using **Supabase and Next.js**, handling architecture design, database integration, and **CI/CD deployment pipelines**.
- **Implemented** secure authentication, role-based access control, and payment workflows to meet compliance and business requirements.
- **Enhanced** front-end performance and responsiveness, integrating dynamic data fetching with Next.js and Supabase.
- **Collaborated** with cross-functional teams to gather requirements, prioritize features, and ensure timely delivery of software milestones.

PROJECTS

FractonKV | Rust, Tokio, Async, Multi-threading, Sharding [Link](#)

- **Developed** a multi-threaded, **sharded key-value store** in Rust for high-performance in-memory data storage.
- **Implemented** reactive **concurrency and efficient shard routing** using Tokio and async Rust.
- **Optimized** memory usage and throughput with **lock-free structures**.

Insurance ERP | React, Node.js, PostgreSQL, Docker [Link](#)

- **Developed** a full-stack ERP platform with a **modular architecture** and role-based access control.
- **Designed** secure **REST APIs** and **optimized database queries** for fast data retrieval.
- **Containerized** the application using **Docker** for portable deployments.

EDUCATION

Master of Computer Applications

Chandigarh University, Mohali — GPA: 8.36 / 10.0

2024 – 2026

Bachelor of Science (Computer Applications)

Ewing Christian College, Prayagraj — GPA: 7.25 / 10.0

2019 – 2022

SKILLS

TypeScript, Javascript, React, Next.js, Node.js, Svelte, Astro, Rust, Go, PostgreSQL, MongoDB, Redis, Docker