

# KUNAL SINGH

Full Stack Developer

kunal@kunalsin9h.com | +91 9039 88 0309 | 84, Shahpura, Bhopal, M.P., India

[GitHub](#) | [Portfolio](#) | [Linkedin](#) |

## EDUCATION

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### Technocrats Institute of Technology CSE

Computer Science & Engineering B.Tech.

CGPA: 7.97

Bhopal, M.P., India

November 2021 - August 2025

### Campion School

Science (Mathematics) High School

Percentage: 89.04%

Bhopal, M.P., India

## SKILLS

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Programming Languages: C++, Go, JavaScript, TypeScript, Python, Rust

Libraries/Frameworks: HTML, CSS, React.js, Next.js, Express, Node.js, Tailwind CSS, Prisma

Tools / Platforms: Git, GitHub, Linux, Bash, Docker, Docker Swarm, Containers, Nginx, Fiber(GoLang), REST Api, WebSockets, GraphQL, RabbitMQ, RPC and gRPC, Testing, Azure VM

Databases: SQL, PostgreSQL, MongoDB, Redis

## PROJECTS / OPEN-SOURCE

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### Image Server | [Link](#)

*Go, SQLite, Docker, HTML/CSS, JavaScript, Azure*

- Designed and developed a self hosted Image Server, which can be used in online forums, like blogs, articles. It can be used as a microservice to add image serving capability, alternative to AWS S3.
- An image server is web server software which specializes in delivering (and often modifying) images
- It can be self hosted using **Docker**
- Deployed on **Azure VM** via **Nginx**

### Portfolio Website | [Link](#)

*Next.js, React, TypeScript, Shadcn UI, Tailwind CSS, Pnpm, Meilisearch*

- My portfolio website serves as a comprehensive showcase of my skills and achievements.
- Through a collection of projects, I demonstrate proficiency in full stack development.

### LiveJQ | [Link](#)

*Rust, JSON*

- A CLI tool for JSON Data Parsing on Realtime data stream
- An alternative jq implementation in rust for continuous parsing without crashing on invalid JSON
- Helpful for data streams, which may have other formats in between like text along with JSON, and you want to parse JSON for better readability.

## CERTIFICATIONS

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- Working with Microservices in Go (Golang) - **Udemy**
- Beginning C++ Programming - From Beginner to Beyond - **Udemy**
- The Complete JavaScript Course 2023: From Zero to Expert! - **Udemy**