

SHUBHAM KUMAR SINGH

+91 6200676452 ✦ Jaipur, India

shubhamkumarsingh5406@gmail.com ✦ [LinkedIn](#) ✦ [GitHub](#) ✦ [Portfolio](#)

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in developing scalable, high-performance backend systems and microservices. Proficient in JavaScript, Node.js, and distributed system design. Expertise in API integrations, system reliability, and performance optimization.

EDUCATION

B.Tech Jul 2020

Techno Engineering College, West Bengal

12th Jun 2015

DAV Kapildev Public School, Ranchi

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, HTML, CSS
Frameworks	Node.js, Express.js, React, Redux, Socket.io, EJS, Pug, JWT, OAuth 2.0, Passport.js
Frontend	React, Redux
Backend	Node.js, Express.js
Tools	Git, GitHub, GitLab, Bitbucket, Postman, PM2, Webhooks, Firebase Cloud Messaging,
Databases	MongoDB, MySQL, Redis
Platforms	Docker, Nginx, RabbitMQ, AWS (EC2, S3), Facebook Graph API
Methodologies	Microservices, System Design

PROFESSIONAL EXPERIENCE

Software Engineer Mar 2025 - Present
Sarv.com *Jaipur, India*

- Engineered a centralized logging service for microservices, ensuring consistent logging and monitoring with Elasticsearch, reducing debugging time by 40%
- Spearheaded the implementation of rate-limiting and concurrency control rules in Haraka MTA, mitigating DDoS attacks and improving system security by 50%
- Developed a real-time lead generation and ticket handling system using Socket.io, improving communication speed and reducing issue resolution time by 30%
- Collaborated with team members to enhance system performance and reliability, achieving 99.99% system uptime

Software Developer Jul 2022 - Feb 2025
Gopaisa Netventures Pvt Ltd *Noida, India*

- Engineered Earnly Magic Link feature using Facebook Graph API to automate Instagram interactions with affiliate links, reducing manual effort for influencers by 30%
- Spearheaded design and implementation of Affiliate Rules Engine to process and optimize user-provided links, improving user experience and reducing processing time by 25%
- Architected and built a Bonus System for the GoPaisa app, ensuring scalability and reliability, which supported 100K+ users without downtime
- Collaborated with cross-functional teams to deliver scalable, high-performance solutions, improving operational efficiency by 15%

Backend Developer Trainee Jan 2022 - May 2022
FunctionUp *Bengaluru, India*

- Built RESTful APIs for Book Management, URL Shortener, and Product Management projects using Node.js and MongoDB
- Gained hands-on experience with AWS S3, Redis, JWT, and API security best practices
- Strengthened knowledge of system design, database modeling, and scalable backend solutions

PROJECTS

Products Management Website

[\[Code\]](#)

- Created a product management website featuring multiple APIs for user, products, cart, and order management
- Role: Backend Developer — Tech Stack: JavaScript, Node, MongoDB, AWS S3

Magic-campaign

[\[Live\]](#)

- Developed the Earnly Magic Link feature for automating direct messages and comment replies with affiliate links
- Reduced manual effort for influencers by enabling easy setup of auto DMs and comment replies on Instagram posts, leveraging Facebook Graph API
- Enhanced user experience in affiliate marketing campaigns by integrating OAuth2 and Node.js for seamless automation

Gopaisa

[\[Live\]](#)

- Implemented a cashback rule engine for 50+ merchants and 100+ campaigns
- Reduced bug frequency by 60% and simplified backend collaboration by optimizing the cashback rule engine
- Extensive experience in API integration, service development, reporting, and schema designing, improving back-end efficiency by 20%

LEADERSHIP

- Demonstrated technical leadership in designing and implementing complex backend systems across multiple projects
- Collaborated effectively with cross-functional teams to deliver high-quality software solutions
- Mentored junior developers and contributed to code reviews and best practices