

Suraj Vishwakarma

LinkedIn: [linkedin.com/in/surajv354](https://www.linkedin.com/in/surajv354)

GitHub: github.com/smartcraze

Email: surajkv9973@gmail.com

Mobile: + 91 7488659074

SKILLS

- **Languages:** C++, Java, Python, JavaScript, TypeScript, Go
- **Technologies:** Node.js, Express.js, React.js, Next.js, REST APIs, WebSockets, Microservices
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Cloud & DevOps:** AWS (EC2, S3, IAM, ECR, ECS, EKS), Docker, Kubernetes, Terraform, Jenkins, CI/CD
- **Soft Skills:** Leadership, Reliability, Persistence, Team Collaboration

PROJECTS

- **RapidServe - Full-Stack Deployment Platform:** [Github](#) | [Live](#) Sep' 25 – Oct' 25
 - Orchestrated an automated CI/CD pipeline that clones repositories, builds applications inside Docker containers, and uploads artifacts to AWS S3, eliminating manual deployment steps
 - Devised an isolated container execution system ensuring reproducible builds and environment consistency across multiple deployments
 - Streamed real-time build logs using Redis Pub/Sub, enabling low-latency monitoring with near-instant feedback and supporting 50+ concurrent deployments
 - Coordinated parallel deployments through a Redis-backed queue, supporting 50+ concurrent jobs with stable, fault-tolerant processing in a distributed system architecture
 - Tech:** Node.js, Express, React, PostgreSQL, Redis, Docker, GitHub Actions, AWS, Terraform
- **SketchKaro - Real-time whiteboard:** [Github](#) | [Live](#) Nov' 25 – Dec' 25
 - Delivered a WebSockets-based real-time collaboration engine maintaining <100ms latency for synchronized multi-user interactions
 - Secured persistent connections using JWT-based authentication, ensuring controlled access to live collaboration sessions
 - Modeled an event-driven architecture to propagate drawing actions across distributed clients, supporting real-time synchronization for multiple concurrent users
 - Provisioned containerized services on AWS using Docker and Terraform, improving deployment consistency and reducing setup time by ~60%
 - Tech:** Next.js, Bun.js, Express, WebSocket, JWT, PostgreSQL, Prisma, Docker, Terraform
- **Slotify - Scheduling & Booking Platform:** [Github](#) | [Live](#) Mar' 26
 - Engineered a timezone-aware scheduling system for Slotify, decreasing cross-timezone booking conflicts by 85% and slashing customer support tickets related to scheduling discrepancies by 40%.
 - Established a complete booking lifecycle (create, cancel, reschedule) with database-level constraints and concurrency control to eliminate double-booking across concurrent requests
 - Integrated Google Calendar API with automatic Meet link generation, synchronizing external events with internal booking state
 - Designed idempotent webhook processing for Razorpay payments and notifications, ensuring consistent state under concurrent requests and achieving 99.9% duplicate event handling accuracy
 - Tech:** Next.js, TypeScript, PostgreSQL, Prisma, Razorpay, Google Calendar API, Resend

CERTIFICATES

- Full-Stack Web Development - [100xDevs](#) Aug' 25
- Complete Generative AI with LangChain - [Udemy](#) Oct' 24
- Hardware and Operating System Essentials - [IBM](#) Nov' 24

ACHIEVEMENTS

- Selected as SIH 2025 Finalist, competing among 2000+ participants nationwide - [certificate](#) Jan' 25
- Ranked Top-20 out of 180+ teams at WarpSpeed Hackathon for technical innovation - [certificate](#) Dec' 25
- Solved 380+ coding problems across platforms - [view](#) Jan' 26

EDUCATION

Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.51

Phagwara, Punjab

Aug' 23 - Present

Narayana PU College

Intermediate; Percentage: 79

Vidyaranyaपुरa, Bangalore

Apr' 21 – Mar' 23

Narayana E-Techno School

Matriculation; Percentage: 88

Yelahanka, Bangalore

Apr' 20 – Mar' 21