

SAVAN UNAGAR

SOFTWARE ENGINEER

📍 Dabholi Surat Gujrat

🌐 <https://resume-savan.vercel.app>

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PROFILE INFO

Experienced Software Engineer with 3+ years of hands-on industry experience in building scalable backend systems, SaaS platforms, and real-time applications. Strong background in Node.js ecosystem, databases, and modern deployment practices.

I specialize in backend architecture, API development, game servers, and SaaS platforms, with solid experience in Web3 integrations, cloud deployments, and containerized environments. I focus on writing clean, maintainable code and delivering reliable, production-ready solutions that scale.

EDUCATION

2021 – 2024

VEER NARMAD SOUTH
GUJARAT UNIVERSITY

- Bachelor of Computer Applications (BCA)

2019 – 2021

S. V. VIDYALAYA

- Higher Secondary Education

KEY TECHNICAL SKILLS

Backend & APIs

- Node.js, Express.js
- REST APIs, GraphQL
- WebSocket / Socket.IO
- MVC & Modular Architecture
- Secure Authentication

Databases

- MongoDB, MySQL
- Mongoose, Sequelize
- Database Design & Optimization

WORK EXPERIENCE

Grow Shadow

Software Engineer

AUG 2024 – PRESENT

- Working on SaaS product development, focusing on scalable backend systems and clean architecture.
- Designing and developing core backend features using Node.js, Express.js, TypeScript, MongoDB, and MySQL.
- Building secure and optimized APIs consumed by web and mobile applications.
- Collaborating with frontend and product teams to ensure smooth feature delivery and system stability.
- Managing deployments using Docker and VPS, ensuring production-ready environments.
- Actively improving performance, reliability, and maintainability of the platform.

Genisys Infotech

Backend Developer

Jan 2023 – Aug 2024

- Developed real-time multiplayer game backends using Node.js, Express.js, and Socket.IO.
- Handled live user sessions, gameplay logic, matchmaking, and scalability.
- Built and maintained backend APIs for multiple web projects.
- Worked extensively with MongoDB and MySQL, using Mongoose and Sequelize based on project requirements.
- Implemented secure authentication, validation, and error-handling mechanisms.
- Gained practical experience in Web3 backend development, integrating blockchain features and smart contract APIs.
- Deployed and managed applications on VPS using Docker, ensuring high availability and scalability.

Frontend & Mobile

- React.js
- Next.js
- HTML5, CSS3
- JavaScript
- jQuery

DevOps & Deployment

- Docker & Containerization
- VPS Setup & Management
- CI/CD Pipelines
- Linux Server Management
- Nginx, PM2

Cloud & Tools

- AWS (EC2, S3 – working knowledge)
- Git & GitHub
- Postman, Swagger
- Payment Gateway Integration

Additional Skills

- Web3 Backend Integration
- Blockchain API Interaction
- SaaS Product Architecture
- Game Backend Development
- Performance Optimization
- Scalable System Design

LANGUAGES

- English
- Hindi
- Gujarati

ADVANCED TECHNICAL EXPERTISE (CLIENT-IMPACT FOCUSED)

Backend Engineering

- Designed high-concurrency systems (real-time games, SaaS APIs)
- Built secure authentication flows (JWT, role-based access, OTP logic)
- Implemented rate limiting, validation layers, centralized error handling
- Strong understanding of API versioning and backward compatibility

Databases & Performance

- Designed normalized & optimized schemas for MongoDB and MySQL
- Experience handling large datasets and query optimization
- Used indexing strategies to improve response times
- Implemented soft deletes, audit logs, and transactional logic

SaaS & Product Architecture

- Modular backend structure for scalable SaaS products
- Environment-based configuration (dev / staging / production)
- Clean separation of services, helpers, controllers, and jobs
- Experience maintaining live products with real users

Game Backend (Rare Skill – Big Advantage)

- Real-time socket communication using Socket.IO
- User session handling & reconnection logic
- Matchmaking and game state synchronization
- Server-side validation to prevent cheating or desync issues

DEPLOYMENT & INFRASTRUCTURE (REAL PRODUCTION EXPERIENCE)

- Dockerized applications for consistent environments
- VPS setup from scratch (Linux, firewall, Nginx, PM2)
- Zero-downtime deployments for backend services
- Environment security & basic server hardening
- Log monitoring and crash recovery strategies