

# Shubham Maurya

## Senior Software Developer

Software Developer with 4+ years of experience building scalable backend systems, high-performance APIs, and cross-platform applications. Specialized in backend optimization and supply-chain systems, achieving up to 80% runtime reduction using linear programming and IBM CPLEX. Proven ability to design and deliver end-to-end products across backend, frontend, and mobile platforms. Strong focus on solving complex business problems with efficient, production-grade solutions.

Mumbai, Maharashtra, India

+91 9004890938

shubham.heeralal@gmail.com

[LinkedIn](#)

[Shubham Maurya](#)

## Work Experience

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March 2025 ~ March 2026 • 1 year  
Navi Mumbai, Maharashtra, India

### Senior Software Developer

#### Inquizity Metanoia OPC Pvt Ltd

- Led architecture and development of optimization systems for supply-chain platform
- Improved system runtime by 80% using LP-based optimization (IBM CPLEX)
- Designed scalable APIs handling concurrent computation-heavy workloads
- Built ATP system for real-time inventory prediction across distributed systems
- Mentored 3+ developers and drove technical decision-making

March 2024 ~ March 2025 • 1 year 1 month  
Navi Mumbai, Maharashtra, India

### Software Developer

#### Inquizity Metanoia OPC Pvt Ltd

- Developed SCAP API generating LP models for logistics optimization
- Built DropSolve API reducing manual effort by 70%
- Implemented backend services for real-time computation pipelines
- Collaborated with cross-functional teams to translate business logic into scalable systems

November 2023 ~ February 2024 • 4 months  
Mumbai, Maharashtra, India

### Software Developer (Contract)

#### Melot Technologies

- Developed real-time backend systems using WebSockets for multiplatform applications
- Built low-latency APIs supporting Web, Android and iOS clients
- Designed event-driven communication systems for real-time updates

July 2021 ~ November 2023 • 2 years 5 months  
Mumbai, Maharashtra, India

### Full-Stack Developer

#### Lemon Yellow LLP

- Developed Progressive Web Apps (PWA) with real-time features, authentication, and REST API integrations.
- Built responsive UI components and interactive animations improving user engagement and UX.
- Led a team of 4+ developers to build and maintain the company website.
- Optimized performance and SEO, improving page load speed and search visibility.
- Collaborated directly with clients to deliver high-quality features and enhancements.

May 2021 ~ July 2021 • 3

### Developer Intern

months  
Mumbai, Maharashtra, India

### Lemon Yellow LLP

- Redesigned and developed client website focusing on performance, scalability, and clean architecture.

## Education

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2019 - 2022

### University of Mumbai

#### Computer Science

- Majored in Computer Science at University of Mumbai, focusing on Programming, Data structures, Algorithms and Optimization.

## Skills

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Languages: C#, TypeScript, Python, Rust, C

Backend: Node.js, FastAPI, .NET, Django

Frontend: React, Next.js, Svelte, Vue

Mobile: React Native, Flutter

Databases: MongoDB, PostgreSQL, MySQL

Tools: Docker, Linux, Git

Concepts: System Design, Microservices, Performance Optimization, Linear Programming

## Languages

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- English - Native or Bilingual
- Hindi - Native or Bilingual