



# SOHAM MUNOT

Software Engineer

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[medium.com/@soham-munot](https://medium.com/@soham-munot) [dev.to/soham\\_munot](https://dev.to/soham_munot)

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## ABOUT ME

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Accomplished Node.js Backend Developer with 3+ years of experience building scalable enterprise applications and leading high-impact technical initiatives. Proven track record of optimizing system performance by 60-75%, architecting microservices and leading cross-functional teams on AI-powered solutions. Multiple hackathon winner with expertise in AWS cloud architecture, database optimization, and modern backend technologies. Currently serving with core platform team for improvements at enterprise SaaS company.

## EDUCATION

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2017 - 2022

**Pune University**

**B.E. (I.T.)**

**G.H. Rasoni Institute of Engineering and Technology**

CGPA - 8.09

## TECHNICAL SKILLS

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- **Backend Technologies:** Node.js, Express.js, RESTful APIs, Microservices Architecture
- **Databases:** MongoDB, PostgreSQL, Redis
- **Cloud & DevOps:** AWS (Lambda, S3, SQS, SES, Cloudfront, Cloudwatch), Docker, CI/CD, Serverless Architecture
- **Programming Languages:** JavaScript, Python, TypeScript
- **Frameworks & Libraries:** Django, Langchain, Socket.io, Mongoose, Sequelize, Twilio
- **Message Queues & Streaming:** Apache Kafka, AWS SQS
- **AI/ML Technologies:** OpenAI API, Generative AI, AI Agents
- **Tools & Platforms:** Git, Postman, AWS CLI, MongoDB Compass, pgAdmin
- **Development Practices:** Agile/Scrum, Test-Driven Development, Code Reviews, Technical Documentation

## KEY ACHIEVEMENTS & AWARDS

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- 🏆 **Winner - Bugathon 2024, Simpplr**
  - Individually resolved 22 critical bugs within 24 working hours (Feb 2024)
- 🏆 **Winner - Generative AI Hackathon, Coditas**
  - Built live call transcription with AI-powered sales assistance (May 2023)
- 🥈 **2nd Runner Up - Crack the Covid 19 National Hackathon - NASSCOM & IBM**
  - Ranked among top 3 from 25,000+ teams (July 2020)
- 📄 **Patent Application - "Power to Voice as Automatic Form Filling System"**
  - Application No: 202021052883 | Filed: Dec 2020
- 👤 **Head of Innovation Cell**
  - G.H. Rasoni Institute of Engineering & Technology (Jan 2021 - June 2022)

# EXPERIENCE

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Aug 2023 - Present

**Simpplr** - Remote  
Product-based  
SaaS Company

## Software Engineer

### Core Team - Performance Optimization (Led by Co-founder & CTO)

- Reduced homepage LCP from 12 seconds to 3 seconds (75% improvement) through comprehensive backend optimizations including API restructuring, database query optimization, and CDN layer enhancements
- Improved overall application performance by 60% by optimizing APIs, database queries, AWS Lambda functions, and implementing advanced caching strategies
- Participate in architectural decision-making for enterprise-wide feature development and system improvements as core team member

### Salesforce to PostgreSQL Data Migration Tool

- Built enterprise data extractor utilizing Salesforce SOQL APIs to migrate large-scale datasets from Salesforce to PostgreSQL with automated failure recovery mechanisms
- Implemented advanced rate limiting handling and retry logic to manage Salesforce API constraints while ensuring data integrity across migration batches
- Designed fault-tolerant architecture with checkpoint-based recovery system to resume failed migrations from exact failure points

### Feature Parity Development & System Architecture

- Collaborated with enterprise architects to replicate critical Salesforce features in Node.js backend, designing scalable data models and optimized API flows
- Developed high-performance microservices ensuring feature parity while maintaining system scalability and performance benchmarks
- Implemented comprehensive API integrations bridging Salesforce functionality with native Node.js solutions

### IAM-Like Granular Roles & Permissions Framework

- Architected granular permission system using AWS Lambda, Redis caching, and PostgreSQL for route-level access control across entire application ecosystem
- Built high-performance authorization middleware with sub-100ms response times using Redis cache optimization for real-time permission validation
- Designed scalable IAM framework supporting role-based access control (RBAC) with dynamic permission assignment and inheritance

Jan 2022 - Jul 2023

**Coditas** - Pune, India  
Service-based  
Company

## Associate Software Engineer

### Enterprise Asset Management & Interview System Development

- Led a cross-functional team of 4 developers to design and develop internal tools (Asset Tracker, Interview Review System) from scratch, delivering production-ready applications within 30 days
- Architected complete system design including data models, HLD, LLD while conducting requirement gathering and technical decision-making
- Built scalable backend APIs using Node.js, Express.js, MongoDB with AWS cloud deployment and CI/CD integration

### Sales Enablement Platform - Canada Client

- Developed enterprise-grade sales management system with calling, SMS, email automation, and pipeline management features serving 500+ daily active users
- Optimized MongoDB query performance by 40-50% through advanced indexing strategies and aggregation pipeline optimization, reducing server resource utilization
- Implemented microservices architecture using Node.js with AWS Lambda, Kafka, Redis, S3, SQS, and SES integration

### Generative AI Marketing Platform - Team Lead

- Led 4-member development team to build AI-powered marketing automation platform using Python, Django, MongoDB, and OpenAI APIs
- Architected AI agent workflows using Langchain framework for automated content generation, reducing manual marketing efforts by 80%
- Won company-wide Gen AI Hackathon by developing live call transcription system with real-time sales suggestions and customer emotion analysis