

Sonu Kumar

📞 +91-9693711130 ✉ sonukumarcodes@gmail.com 👤 Sonupandit9693 🔗 sonu-kumar-20128622b 🌐 Portfolio

EXPERIENCE

• Cyfuture India Pvt Ltd, Noida

Software Development Engineer

July 2024 – Present

- Engineered enterprise-grade ERP systems for a PSU client, streamlining multi-department workflows, automating legacy processes, and reducing manual effort by 40% .
- Customized payroll processing to support project-wise cost allocation and arrears disbursement for 3000+ employees, reducing manual salary adjustments by 35%.
- Delivered an Ind AS 116-compliant property management module, reducing lease compliance errors by 25% and handling 200+ property records.
- Designed automated GST reclaim and monthly expenditure reports, improving finance turnaround time by 40%.
- Deployed cloud-native ERP components on Kubernetes (5,000+ users), integrated CDN, optimized MySQL queries, and implemented CI/CD pipelines to enhance release agility.

• Extension Technologies Pvt Ltd, Delhi

Software Developer

July 2023 – June 2024

- Developed scalable REST APIs in Flask for real-time room booking, using multithreading and rate-limiting to handle 10,000+ concurrent requests.
- Built a credit management system used by 5,000+ users to allocate, track, and redeem credits, boosting promotional engagement by 20%.
- Customized ERPNext modules across 6+ clients, optimizing stock entries and CRM workflows and reducing client onboarding effort by 30%.
- Integrated DocuSign and Interakt APIs, reducing document approval time by 30%. increasing response rates by 2x.

PROJECTS

• Meeting AI Assistant

May 2025

Technologies: Next.js, FastAPI, PostgreSQL, Redis, Celery, Docker, Whisper API, OpenAI GPT 🤖

- Developed an AI-powered meeting platform for recording, transcribing, and summarizing sessions with auto-generated user-tagged tasks.
- Integrated Whisper API and GPT-4 for high-accuracy transcription and summarization.
- Automated Slack and email follow-ups using messaging for 50+ meetings, improving team accountability.
- Built a scalable, containerized backend using FastAPI, Celery, and PostgreSQL with JWT-based authentication and async processing.

• Distributed Media Upload & Download

Apr 2025

Technologies: Python, FastAPI, JWT, Kubernetes, Docker, MongoDB, MySQL, gRPC 🤖

- Designed a scalable microservices architecture with FastAPI, Docker, and Kubernetes using StatefulSets and Ingress, with a secure JWT-based Auth service and centralized API Gateway.
- Enabled asynchronous media workflows supporting files up to 2GB and 1,000+ concurrent users using gRPC, RabbitMQ, and GridFS.

SKILLS & INTERESTS

Languages: Python, Java, JavaScript, TypeScript, Shell, SQL

Frameworks & Libraries: Spring Boot, Flask, FastAPI, Next.js, Node.js, Frappe

Databases: PostgreSQL, MongoDB, Redis, MariaDB

DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, Terraform, Jenkins, CI/CD, Grafana, Git, Linux, Unix

Fundamentals: OOP, System Design, Low-Level Design, Agile Scrum, Operating Systems, Computer Networks

EDUCATION

• Maharshi Dayanand University, Haryana

Bachelor in Software Development

Nov 2020 – Jun 2023

- GPA: 8.6 / 10