# SUNIL KUMAR

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## SUMMARY

Backend Software Engineer with 2.9 years of experience in building scalable, production-grade backend systems. Experienced in system architecture, API development, observability pipelines and integrating LLMs within applications and cross-functional collaboration in agile environments.

## TECHNICAL SKILLS

**Core Competencies**: System Architecture, REST API Development, Database Design, Application Performance Monitoring (APM), Cloud Computing.
**Languages**: Python, SQL, Linux, JavaScript.
**Frameworks**: FastAPI, Flask, Langchain, React.
**DevOps & Tools**: Docker, Git, AWS, Postman, CI/CD.
**Monitoring**: SigNoz, OpenTelemetry, ClickHouse, Kibana, logstash, Elasticsearch, Zookeeper, Otel-collector.
**Databases**: PostgreSQL, MySQL, Redis, MongoDB.
**Other**: Beacon, LLaMA3, Gemini LLM, Tesseract-OCR, SDLC, ETL, Agile, Code Review.

## EXPERIENCE

**Software Engineer 2**  <div align="right">2023 – Present</div>
Gemini Solutions Private Limited  <div align="right">Gurugram, Haryana</div>

### Hpipe — Role-Based Workflow System (Backend Developer)

- Designed database schemas and system architecture, implemented ETL analytics, optimized REST API's performance (15s to 200ms).
- Implemented distributed microservice architecture within (MIS ATS) for IJP.
- Implemented SES-based notification system with dynamic email templates, improving user engagement and reducing manual communication by 35%.
- Led cross-functional collaboration between development and DevOps teams for seamless deployment.
- Developed a dynamic role-based workflow system with parent-child workflows, With approval levels, history tracking, graphs, file exports.

### PIMCO Performance Calculator (Backend Developer)

- Integrated SigNoz OpenTelemetry observability stack within AWS cloud.
- Created Olympus Backend to auto-process telemetry data into Simpler UI.
- Built custom Snowflake connector using monkey patching to emit traces, logs directly to SigNoz.
- Refactored SigNoz cluster to decouple into standalone jobs for scalability.
- Implemented fault-tolerant Signoz microservices with high availability within Beacon Platform.

### Resume Parser — AI-based Extraction System (Backend Developer)

- Designed and deployed an OCR + LLM-powered Resume Parser (95% accuracy, up from 73%).
- integrated with ATS to reduce recruiter screening time by 40%.
- Fine-tuning LLaMA-3 8B open-sourced model and parsed 1500+ resumes.
- Added real-time scoring using LLM output for candidate ranking.

## ACHIEVEMENTS

**Rising Star Award** | View Certificate | *Signoz, Beacon, APM*  <div align="right">FY 2025–2026</div>
**On-the-Spot Award** | View Certificate | *Backend optimization, DB design, System Architecture*  <div align="right">FY 2023–2024</div>

## EDUCATION

**B.Tech, ECE (8.34 CGPA)**  <div align="right">2019 – 2023</div>
Chandigarh College of Engineering and Technology, Chandigarh
**Class X, (10 CGPA), Class XII (80.8%)**  <div align="right">2017 – 2019</div>
Chandigarh