ASHUTOSH KUMAR

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SUMMARY

Backend-focused Software Engineer with 2+ years of experience building scalable APIs, automation systems, and data pipelines. Skilled in designing robust backend architectures, leading cross-functional teams, and optimizing system performance, seeking SDE or backend engineering roles in product-focused teams.

SKILLS

Languages	Python, Go, JavaScript
Frameworks	Django, Django REST Framework, Gin, FastAPI
Databases	MySQL, SQLite3, PostgreSQL
Tools	Git, Postman, Linux, Celery, Redis
Cloud & DevOps	Docker, Kubernetes, Google Cloud Platform(GCP), Azure DevOps
Soft Skills	Leadership, Communication, Teamwork, Problem solving

EXPERIENCE

Lead Backend Developer — July 2023 – Present
Soliva Technologies — *Kolkata, WB*

- Led a backend team of 4 engineers and collaborated cross-functionally with frontend, QA, DevOps, and clients to deliver scalable backend solutions.
- Built and maintained 25+ fail-safe ETL pipelines and cronjobs using containerized infrastructure, improving data sync, automation, and reporting.
- Developed an internal automation API reducing 98% of manual deployment time for client websites using API integrations, validation layers, and workflow orchestration.
- Designed and optimized 50+ APIs and 70+ data models for dynamic backend requirements, contributing to a system used for multi-million dollar ad spend analytics.
- Migrated product architecture from monolith to SaaS-ready multi-tenant backend.
- Designed a queueing and monitoring system for K8s cron jobs with retry, alerting, and cloud logging, improving job reliability by 90%.
- Reduced DB query load by 50% using indexing, caching, and query optimization strategies.
- Engineered an LLM-powered scoring system using OpenAI API to evaluate semantic alignment between user intent signals (keywords, ads) and destination content (landing pages, URLs).
- Introduced code quality workflows (pre-commit hooks, linters, test DB optimizations) to CI/CD pipelines, increasing developer velocity and code consistency.

Software Developer Trainee — Feb 2022 – Jun 2023
Celebal Technologies — *Jaipur, RJ*

- Practiced cloud deployment pipelines using Azure DevOps; built CI/CD workflows using VMs, ACRs, and artifacts in sandboxed environments.
- Explored Docker, Kubernetes, and Terraform in internal project shadows; gained end-to-end understanding of infrastructure-as-code and cloud orchestration.
- Developed backend features using Django; built ORM models, RESTful APIs, and customized admin dashboards.

EDUCATION

Bachelor of Technology, Asansol Engineering College — July 2018 - July 2022
Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Computer Networks, Object-Oriented Programming