

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 Soliva Technologies	Jul 2023 – Present <i>Kolkata, WB</i>
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- Led a backend team of 4 engineers and collaborated cross-functionally with frontend, QA, DevOps, and client stakeholders to deliver scalable, production-grade backend solutions.
- Architected and maintained 25+ robust, fail-safe ETL pipelines and scheduled cron jobs using containerized infrastructure, enhancing data synchronization, workflow automation, and analytics reporting.
- Developed an internal fail-safe automation API, reducing 98% of manual deployment time for client websites using API integrations, validation layers, and workflow orchestration.
- Designed, optimized, and maintained 50+ APIs and 70+ scalable data models to support dynamic, high-throughput backend systems, including ad analytics, automation, reporting, and SaaS infrastructure.
- Migrated product architecture from monolith to scalable and modular, SaaS-ready multi-tenant backend system.
- Implemented a cloud-integrated queueing and monitoring pipeline for K8s cron jobs with retry logic, alerting mechanisms, and centralized logging, boosting reliability by 90%.
- Reduced DB query load by 50% by applying indexing, caching, and efficient query optimization methods.
- 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 automated code quality workflows (pre-commit hooks, static linters) into CI/CD pipelines, significantly improving developer velocity and ensuring consistent, maintainable codebase standards.

Software Developer Trainee Celebal Technologies	Feb 2022 – Jun 2023 <i>Jaipur, RJ</i>
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- Built and practiced CI/CD pipelines using Azure DevOps, deploying via VMs, Azure Container Registry (ACR), and artifact feeds in isolated sandbox environments.
- Explored Docker, Kubernetes, and Terraform through internal project shadowing, gaining hands-on experience with infrastructure-as-code, container orchestration, and cloud-native deployments.
- Developed backend features using Django; built ORM models, RESTful APIs, and customized admin dashboards.

EDUCATION

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