

SUNNY SOURAV

Senior Software Engineer | Python | AWS | Django | Microservices | Team Lead

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Notice Period: 30 Days

PROFESSIONAL SUMMARY

Senior Software Engineer with 7 years of experience building cloud-native applications using **Python, Django, and AWS**. Leads a team of 6 engineers and trained interns, owns end-to-end delivery, and works directly with clients to translate business goals into production systems. Strong track record in backend architecture, serverless systems, microservices, API performance, cloud cost optimization, and delivery automation.

CORE SKILLS

- **Languages:** Python, JavaScript, TypeScript, Solidity
- **Backend:** Django, Django REST Framework (DRF), Flask, Django Channels, REST API Design, Microservices-Cloud/DevOps: AWS Lambda, API Gateway, SQS, DynamoDB, RDS, EC2, S3, SES, EventBridge, CloudWatch, Docker, GitHub Actions, CI/CD
- **Databases:** PostgreSQL, MySQL, Redis, DynamoDB, Firebase
- **Frontend:** React.js
- **Integrations:** Stripe, Razorpay, Twilio, Google Maps API, Firebase, Web3.js, Ethers.js
- **Testing/Tools:** Pytest, Postman, Swagger/OpenAPI, GitHub, GitLab

PROFESSIONAL EXPERIENCE

Mindfire Solutions | Senior Software Engineer | Jul 2021 - Present

- Lead a team of 6 engineers/interns, driving architecture, sprint planning, code reviews, and production releases for multi-client projects.
- Work directly with clients and stakeholders to refine requirements, align engineering roadmap with business priorities, and ensure delivery quality.
- Reduced AWS monthly billing by 34% by optimizing Lambda execution, CloudWatch retention/usage, S3 lifecycle/storage classes, and PostgreSQL utilization.
- Implemented CI/CD pipeline for AWS Lambda deployments (developer workflow from VS Code to GitHub to AWS), reducing manual release effort and deployment risk.
- Built resilient event-driven workflows with Lambda, SQS, API Gateway, DynamoDB, and EventBridge for high-volume integrations.
- Designed architecture for different integrations and projects
- Strengthened platform stability with proactive monitoring, alerting, and failure handling (SES/Slack notifications).- Mentored interns and junior developers; conducted technical training for project readiness and engineering standards.

Entity Vibes | Software Engineer | Aug 2019 - Jun 2021

- Designed and built backend modules and REST APIs with Django/DRF for web and mobile applications.- Developed real-time chat and live-update features using Django Channels and WebSockets.
- Integrated third-party services including payment gateways, push notifications, SMS, and social authentication.- Deployed and managed production workloads on AWS EC2 with Nginx/Daphne stack.
- Collaborated in agile teams for feature delivery, bug resolution, and production support.

KEY PROJECTS

OmniCommerce Manager | Python, AWS Lambda, SQS, DynamoDB, API Gateway

- Built a unified operations platform for order, inventory, and shipping sync across Amazon, Shopify, Walmart, and other channels.

- Designed microservices-based asynchronous workflows for near real-time marketplace synchronization.- Added robust exception management and automated alerting (SES/Slack) for faster incident response.

PetSocial Networking Platform | Django, DRF, Django Channels, React, Firebase

- Delivered geolocation-based user discovery and real-time chat using WebSocket architecture.

- Integrated social login, notifications, and payment flows to improve user engagement.- Deployed and scaled application services on AWS EC2.

Sports Event Management App | Django, DRF, PostgreSQL, Razorpay, Firebase- Built event/class booking workflows with payment integration and transaction handling.

- Implemented push notification pipeline using Firebase Cloud Messaging (FCM).- Added Pytest-based automated tests for critical booking/payment journeys.

ADDITIONAL PROJECTS

Vehicle Breakdown Service | Django, Firebase, Google Maps API, Stripe, Twilio- Built geolocation-led service discovery with digital payments and SMS alerts. - **Improved geolocation API response time by 60% through query tuning, request-flow optimization, and caching strategies.**

Crypto Loan Platform | React, Node.js, Prisma, AWS RDS, Web3.js

- Developed admin and backend modules for crypto-backed lending use cases.

DecentraBank | Solidity, Chainlink, React, Web3.js, Ethers.js

- Built smart contracts and oracle-powered pricing/interest mechanisms for DeFi lending.

EDUCATION

B.E. in Computer Science | Sinhgad College of Engineering, Pune | 2018

LANGUAGES

English, Hindi, Marathi, Telugu