

Arman Sikriwal

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SUMMARY

Backend Developer (Python/Django) with 3+ years of experience building scalable, secure, and high-performance backend systems. Strong expertise in REST API development, database optimization (PostgreSQL, Redis), asynchronous task processing (Celery), and containerized deployments (Docker, Kubernetes). Skilled in CI/CD automation using GitLab, cloud environments (AWS/GCP), and system observability tooling. Adept at Agile workflows and delivering production-grade features for enterprise and SaaS applications.

EXPERIENCE

Member of Technical Staff <i>Coriolis Technologies Pvt. Ltd</i>	Aug 2023 – Present Pune
<ul style="list-style-type: none">Implemented Celery for automated background report generation, improving workflow throughput by 30% and reducing synchronous load.Engineered secure, scalable REST APIs using Django REST Framework (DRF), enhancing system reliability and authentication workflows (JWT/OAuth2).Scaled APIs to handle 100,000+ daily transactions using Redis caching, optimized ORM queries, and load balancing strategies.Achieved a 30% improvement in PostgreSQL performance through indexing, query optimization, and efficient schema design.Integrated WebSockets for real-time notifications, reducing latency for live system alerts.Deployed workloads using Docker and Kubernetes, configuring GitLab Runner pods and enabling CI/CD-driven automated deployments.Streamlined production deployments via NGINX, uWSGI, and GitLab CI/CD, cutting deployment time by 70%.	

Backend Developer Intern <i>Coriolis Technologies Pvt. Ltd</i>	May 2022 – July 2023 Pune
<ul style="list-style-type: none">Developed reusable Angular components, reducing front-end build time by 15%.Designed scalable REST APIs with Django and DRF, achieving 99.9% uptime and improved API response performance.Reduced build failures by 20% through optimized GitLab CI/CD pipeline architecture.Containerized backend, API, and frontend services using Docker, enabling modular deployment and microservice alignment.Integrated Celery + Redis for background processing and caching, increasing application responsiveness.	

PROJECTS

ASRM Dashboard <i>Python, Angular, TypeScript, GitLab, WebSockets, Celery, Redis</i>	June 2022 – Present
<ul style="list-style-type: none">Developed a real-time dashboard for system KPIs, improving operational visibility and reducing response time for critical events.Automated testing, build, and deployment pipelines via GitLab CI/CD, improving release efficiency by 45%.Used Redis caching and Celery-based background analytics to accelerate live data visualization.	
Compatibility Matrix Portal <i>Python Django, Angular, AWS S3, Docker</i>	May 2023 – Present
<ul style="list-style-type: none">Built a secure AWS S3-integrated portal for cloud storage and access management, improving data integrity and client collaboration.Containerized system components using Docker, enabling scalable deployment and reduced environmental configuration issues.Optimized Django backend and integrated Redis caching to enhance system performance under load.	

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, HTML/CSS

Frameworks: Django, Django REST Framework (DRF), Flask, Angular

Backend / Databases: PostgreSQL, Redis, Celery, REST API Design, ORM Optimization

DevOps / Cloud: GitLab CI/CD, Docker, Kubernetes, NGINX, uWSGI, Jenkins, Linux, AWS (EC2, S3), Google Cloud Platform

Developer Tools: Git, VS Code, PyCharm, Cursor AI, Visual Studio

AI Tools / Agents: GitHub Copilot, Cline, Cursor AI

Collaboration: Jira, Confluence, Agile/Scrum

EDUCATION

Lovely Professional University

Jalandhar, Punjab

Bachelor of Technology (B.Tech.) in Computer Science and Engineering (CSE) — CGPA: 8.92 Aug. 2019 – June 2023