

# Arman Sikriwal

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## SUMMARY

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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

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### Member of Technical Staff

Aug 2023 – Present

*Coriolis Technologies Pvt. Ltd*

*Pune*

- 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

May 2022 – July 2023

*Coriolis Technologies Pvt. Ltd*

*Pune*

- 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

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### ASRM Dashboard | *Python, Angular, TypeScript, GitLab, WebSockets, Celery, Redis*

June 2022 – Present

- 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 | *Python Django, Angular, AWS S3, Docker*

May 2023 – Present

- 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

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**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

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**Lovely Professional University**

Jalandhar, Punjab

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