

AARTI SHARMA

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EDUCATION

HNBG University

Bachelor of Science in Information and Technology (CGPA - 8.17)

GORKHA MODEL SECONDARY SCHOOL

Class 12 - Commerce (GPA - 3.38/4)

Garhwal, Uttrakhand

Aug 2021 - May 2024

Dang, Nepal

April 2019 - Dec 2020

TECHNICAL SKILLS

Programming Languages: Python, SQL

Frameworks & Database : FastAPI, Django, DRF, PostgreSQL, MySQL,

Real-Time & Async : WebSockets, Celery, Redis

Deployment& Tools : Linux, Nginx, Git

WORK EXPERIENCE

HELIOS TECH LABS

Jan 2025 – Jun 2025

Software Developer Intern

- Developed and managed a **Fixed Asset Register**, automating asset tracking, depreciation scheduling, and providing real-time financial oversight.
- Delivered tailored solutions to clients of **UAE, India, and USA**, helping them optimize financial processes, integrate CRM data, and improve reporting capabilities.
- Designed and implemented **centralized dashboards** to aggregate and visualize data from multiple Zoho Books organizations, enabling real-time reporting and streamlined decision-making across departments and regions.
- **Tech:** Python | Django | JS | Deluge Script | Zoho Suite | HTML | CSS |

LDT TECHNOLOGY PRIVATE LIMITED

July 2025 – Present

Software Developer

- Core backend developer for **VoiceQuik** building real-time architecture using WebSockets and Webhooks to enable low-latency communication between users, backend services, and OpenAI-powered AI agents.
- Integrated SIP trunking via Twilio for inbound and outbound AI voice calls, enabling automated call handling and CRM-driven workflows.
- Implemented MCP server integrations (including HubSpot MCP) to enable structured tool access for AI agents, improving contextual CRM automation by 45%.
- Optimized backend performance using Redis caching and Celery for asynchronous task processing, reducing API latency by 80%.
- Developed scalable authentication and RBAC systems for a **SaaS-based Loan Management System**, ensuring secure multi-role access control.
- Integrated AWS S3 for secure document handling and implemented audit logging mechanisms to improve system traceability and compliance.
- **Tech:** Python | FastAPI | PostgreSQL | Redis | Celery | WebSockets | Twilio SIP | MCP servers | AWS S3

PROJECTS

Blog Application [\[Link\]](#)

- Developed a full-featured blog platform with user authentication, enabling users to securely register, log in, log out and manage their accounts.
- Implemented complete post management with the ability to create, view, edit, and delete blog posts.
- Designed user profiles to display personal info and authored posts, along with interactive features like a like system for user engagement.
- Focused on clean UI and smooth user experience with dynamic front-end behavior and responsive design.
- **Tech :** Django | JavaScript | SQLite 3 | HTML5 | CSS3 | Bootstrap