ARUN SAINI
Python Backend & AI/ML Engineer
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PROFESSIONAL SUMMARY
Python Developer building FastAPI backends, REST APIs, and AI-powered services. Experienced in designing scalable systems, optimizing database performance, and integrating LLMs for automation. Comfortable owning end-to-end product development for remote teams.

TECHNICAL SKILLS
Languages: Python (Advanced), JavaScript (Intermediate)
Frameworks: FastAPI, Django, Flask, PyQt6
Databases: PostgreSQL, MySQL, SQLite
AI/ML: PyTorch, TensorFlow, LangChain, Vector DBs
DevOps: Docker, Kubernetes APIs, AWS (EC2, Lambda)
Other: REST API Design, Git, React.js, PyInstaller

EXPERIENCE
CSV Trade Trail Private Limited | Software Developer (Dec 2026 – Present)
• Working on trading and financial data processing systems including pivot creation and occurrence analysis.
• Developing Python-based backend scripts for market data handling and structured datasets.
• Supporting strategy development with dashboard-ready data pipelines.
• Reporting directly to Team Lead and Company Owner.

QappaLabs | Software Developer (01 Jan 2026 – 12 Dec 2026)
• Leading development of a Kubernetes GUI management application using Python & PyQt6.
• Built YAML comparison, cluster flow visualization, and API-driven monitoring tools.
• Integrated Kubernetes APIs for full cluster management; packaged cross-platform releases.
• Collaborating with AI tools to optimize workflows and accelerate feature delivery.
• Key Tech: Python, FastAPI, PyQt6, Kubernetes APIs, Docker, Git

PROJECTS
1. Kubernetes Management GUI App | Python, PyQt6, Kubernetes APIs
Developed enterprise-grade GUI for Kubernetes management with real-time monitoring, YAML validation, and cluster visualization.
2. Celebrity Booking Platform | Django, MySQL
Built a production-ready celebrity booking marketplace with booking flows, user profiles, secure payment handling, and booking management for talent and clients.
3. E-Commerce Platform (Client Customization) | Django Oscar, MySQL, Razorpay, COD
Customized Django Oscar to build an e-commerce platform: integrated Razorpay & COD, implemented AJAX-based cart updates to avoid page refreshes, and tailored UI per client specifications.
4. AI Farming Platform (Prototype) | FastAPI, LangChain, PostgreSQL
Backend connecting urban users with village farmers for land leasing and AI-based recommendations and monitoring.
5. Trip Tracking Web App | Django, SQLite
Implemented geolocation, image upload, and trip timeline visualization with optimized DB queries.

EDUCATION
B.Tech – Computer Science & Engineering, KMC Language University (2021–2024)
Diploma – Computer Science & Engineering, Government Polytechnic Saharanpur (2019–2021)

CERTIFICATIONS & HIGHLIGHTS
AI Engineer Course (Ongoing)
AWS Cloud Computing
Python Training – Linux World Pvt. Ltd.
Strong foundation in FastAPI, PostgreSQL, and LLM integrations
Independent developer with full lifecycle ownership