Anshuk Jirli

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Professional Summary

Computer Science graduate proficient in **Python, Django, RESTful APIs, and cloud deployment**. Demonstrated expertise architecting scalable backend systems, automating workflows, and optimizing performance. Pursuing **Software Developer, Software Engineer, or Backend Engineer** role to deliver secure, production-ready solutions.

Experience

Software Developer, Anexgate Network Security Solutions – Belagavi, Karnataka, India   Feb 2025 – Present

- Delivered full-stack ticketing system (**Django, PostgreSQL, Azure AD**) in 4 days, scaled to **3000+ daily tickets**, elevated support efficiency by 30% and user satisfaction by 40%.
- Orchestrated email/SMS pipelines using (**SendGrid API, Twilio**); maintained **Nginx, Gunicorn, Docker** deployment on **DigitalOcean** achieving 99.9% uptime.
- Architected **124+ RESTful APIs** for AnexUSG Firewall spanning Routing, IDS/IPS, VPN, SD-WAN, Policy Management; secured endpoints using **token authentication, API keys and protobuf** serialization.
- Refactored **PostgreSQL ORM** queries, amplifying data throughput by 40%.
- Engineered AnexHUB **Saas cloud** module governing multiple USG devices; eliminated 50% network overhead by **AJAX optimization, pagination**.
- Integrated **125+ REST API scripts** powering dashboards, analytics, logging, reports generation and hardware metrics; containerized services with **Docker**. Leveraged **Celery and Redis** for async tasks and task queuing.

Technical Skills

Languages: Python, Java, C | **Frameworks:** Django, FastAPI, Flask, Django REST Framework, Bootstrap, TailwindCSS
Frontend: HTML, CSS, JavaScript, Figma | **Databases:** PostgreSQL, MySQL, SQLite, Redis
DevOps: Docker, Nginx, Gunicorn, DigitalOcean, Render | **Version Control:** Git, GitHub, GitLab
Cloud & CI/CD: Azure AD, SendGrid, Twilio | **AI Tools:** ChatGPT, Claude AI, Grok AI, Google Gemini, Cursor, Trae AI
Other: Unix/Linux, Machine Learning, Prompt Engineering.

Projects

Food Delivery Microservices Platform | Python, FastAPI, SQLAlchemy, Redis, Docker, Swagger, Render
Git/Github   GitHub

- Built scalable microservices for Users, Restaurants, and Delivery using **FastAPI, SQLAlchemy, Docker**, with fully documented Swagger APIs.
- Improved order-processing throughput 30% using async I/O and Redis-backed task execution.

Skin Disease Classifier | HTML, CSS, TailwindCSS, JavaScript, Python, Flask, Machine Learning, VGG16   GitHub

- Trained image classifier (**VGG16**) achieving 90% accuracy across four skin disease categories.
- Crafted interactive **Flask** web interface facilitating image uploads and real-time predictions.

Air Ticket Booking System | HTML, CSS, PHP, MySQL, Xampp   GitHub

- Implemented full-stack booking platform (**PHP, MySQL**) guaranteeing real-time seat management.
- Enhanced reliability using strong validation logic and ACID-compliant MySQL operations.

Education

S G Balekundri Institute of Technology, Belagavi, Karnataka, India – BE in Computer Science Engineering   June 2024

Certifications

Electronic Arts Software Engineering Virtual Experience Programs (Forage).
Wells Fargo Software Engineering virtual experience program (Forage).