GIRISH KANJIYANI

📞 (315)374-1153 ✉ girishfob5040@gmail.com 💼 www.linkedin.com/in/girish-kanjiyani/ ⭘ github.com/girish-kanjiyani7

Technical Skills

Languages: Python, JavaScript (ES6+), Java, C++, C, R
Frameworks & Libraries: FastAPI, Django, Flask, React.js, Vue.js, Tailwind CSS, Semantic HTML, Modern CSS
Databases: MySQL, MongoDB (NoSQL), DynamoDB, PostgreSQL
Cloud & DevOps: AWS (Lambda, ECS, S3), Docker, GitHub Actions
Software Engineering Practices: Object-oriented Programming, Design Patterns, TDD (Test-Driven Development), Agile/Scrum, SDLC.

Experience

JMA Wireless
June 2024 – May 2025
SDE — *Syracuse, NY*

- Engineered a modular FastAPI service in Python to handle classification and transformation of **25K+** event feedback logs from **9** different categories, transforming raw inputs into structured data for sentiment classification.
- Built RESTful APIs and protected endpoints using FastAPI's routing and dependency injection, powering internal dashboards used for analyzing sentiment data across **1M+** annual attendees.
- Embedded a RoBERTa-based sentiment classification model into a Python service to analyze feedback logs and return structured outputs for storage and dashboard visualization.
- Structured sentiment data using PostgreSQL with indexed lookups to support real-time analytics queries.
- Automated unit and integration tests using Pytest, and configured CI pipelines with GitHub Actions to ensure test coverage and deployment readiness.
- Partnered with product and frontend teams to define API contracts and enable smooth integration across systems.

Syracuse University
January 2024 – April 2024
Research Assistant, Data Engineering Lab — *Syracuse, NY*

- Designed scalable data ingestion and preprocessing pipelines using Python and R, transforming **2.1TB** of genomic data into structured formats
- Constructed modular backend scripts for variant calling, and data validation, improving processing speed by 30%.
- Discovered **2 novel genomic patterns**, contributing to **20%+** improvement in research accuracy
- Delivered to reproducible backend tooling for data pipelines shared across **3** interdisciplinary research teams

WaytoWeb Pvt Ltd.
April 2022 – July 2023
SDE Intern — *Gujarat, India*

- Developed and maintained backend APIs for internal dashboards using Django and MySQL, implementing role-based access with Django's built-in auth and group permission system for operations, finance, and admin users.
- Refactored ORM queries and introduced MySQL indexing, reducing API latency by over **500ms** during peak usage
- Implemented backend features for refund approvals and stock reservations, integrated with frontend workflows via shared staging environments
- Engaged in Agile ceremonies (sprint planning, standups) and contributed to user story breakdowns and task estimations across **6+** sprints.

Projects

LeetHub-3.0 (Open-Source Contribution)
LeetHub-3.0

- Created a timestamp-based filename versioning feature using JavaScript, Chrome Extension APIs, and GitHub OAuth2 integration, allowing users to save multiple accepted submissions per problem.
- Collaborated with maintainer through **10+** review comments and **3** code iterations to ensure seamless upstream integration, improving reliability and daily workflow for **10,000+** active users.

Trending Media Analytics Platform
Movie-Maxxing

- Assembled backend services using Appwrite and TMDB APIs to support real-time movie search and trending rankings, with search counts tracked to surface top **5** movies dynamically.

Image Ingestion & Vision API Integration
Fanum-taxxing

- Programmed a Flask backend for image ingestion and calorie estimation using Gemini Vision API, deployed on Railway with **99%+** observed uptime, and optimized for sub-**3**-second response times with async processing and structured responses.

Education

Syracuse University
Aug. 2023 – May 2025
Master of Science in Computer Science — *Syracuse, NY*