

CONTACT

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SKILLS




- Languages : Python , JavaScript,Html,CSS
- Frameworks : Django,FastAPI
- AI Tools: LLAMA 3, LangChain, Vector Embeddings
- Databases: MongoDB (Atlas Vector Search), SQLite, MySQL
- Tools: Git, GitHub, PyCharm, VS Code,Trae IDE
- Other: REST APIs, RAG, OpenCV

Arya Babu

JUNIOR PYTHON DEVELOPER

Enthusiastic and self-driven Junior Python Developer with hands-on experience building intelligent backend systems using Python, Django, and LLM-based tools. Passionate about AI, automation, and real-world application of large language models (LLMs) in backend development.

EDUCATION

-  **MSC Electronics** **2021-2023**
Kerala University
-  **Junior Diploma in Cooperation** **2019-2020**
Kerala Service Examination Board
-  **BSC Physics** **2015 - 2019**
Kerala University

EXPERIENCE

Coolit Systems - Junior Python Developer
(June 2024 - present)

- Designed and improved a GUI application with custom icons and status-based button behavior using Customtkinter, improving usability and diagnostic feedback .
- Integrated data export functionality to .txt for logging processed diagnostics and configuration outcomes.
- Contributed to a YOLO11-based people counting system to track customer entry and exit in retail environments using real-time camera feeds.

PROJECTS

1. Resume Bot with LLAMA 3 &

MongoDB

- Built a smart resume parser using LLAMA 3 (OLLAMA) to extract name, skills, and metadata from PDF resumes.
- Stored data using MongoDB Atlas Vector Search for semantic search and querying.

2. Todo App

- Developed a full-featured To-Do application using the Django framework with user authentication, task creation, update, delete, and completion tracking.
- Implemented user registration and login with Django's authentication system; added password reset via email.
- Designed responsive frontend using HTML, CSS, and Bootstrap with Django templates.

3. CocoCart : Ecommerce platform with coconut products along with Seller Dashbord and certificate generated for successfull selling.

4.Invoice Generation : Invoice generating using customtkinter with pdf invoice .

*Luminar Technolab - Python Fullstack Intern
(Dec 2024 - Present)*

- Completed hands-on training in Python, Django, HTML, CSS, Bootstrap, JavaScript, and MySQL/PostgreSQL, building full-stack web applications.
- Developed CRUD-based web applications with user authentication, admin panels, and RESTful APIs using Django and Django REST Framework.
- Implemented responsive frontend designs using Bootstrap and integrated them with Django templates for dynamic content rendering.
- Gained experience with MVC/MVT architecture, ORM queries, form handling, session management, and middleware.

CERTIFICATION (SKILLBADGE)

1.Building AI-Powered Search with MongoDB Vector Search

(MongoDB University — Issued May 2025)

2.Building RAG Apps Using MongoDB

(MongoDB University — Issued May 2025)

3.Python - Django

(Scaler)