Vishnu Prakash | Junior Backend Developer

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Career Objective:

- **Junior Backend Developer** with hands-on experience in **Python**, **FastAPI**, **Express**.js (**Node.js**), and **SQL**.
- Experienced in **API design**, **backend system development**, and deployment using **Nginx**.
- Worked on integration of **RAG** (Retrieval-Augmented Generation) models and **AI-based systems**.
- Actively contributing to **large-scale live projects** including **a dating application**, **e-commerce platform**, and **inventory management system.**
- Familiar with **Docker**, **CI/CD pipelines**, and **Linux** server deployments.
- Passionate about building scalable backend architectures and continuously improving as a **Backend Engineer.**

Key Skills / Tech Stack

Skills: Python, JavaScript, FastAPI, Express.js, Flask, RAG Model Integration, MySQL, Git, Git Actions, Docker, Nginx, Kubernetes (Learning)

Experience

Junior Software Developer — Xtown

Xtown — Sept 2025 – Aug 2025

Canteen Management System (Client: Prithivi Innerwear)

- Developed backend using **FastAPI**, integrated with **React/React Native** frontend.
- Implemented **role-based authentication** (User, Admin) and Product Management module for menu items with images.
- Integrated **ESSL** biometric attendance device for punch-in data and **Razorpay UPI** for digital payments.
- Automated thermal printer to generate food tokens after successful transactions.

Inventory Management System (Client: VHI Borewells)

- Designed backend using **FastAPI** with React frontend and **multi-level authentication** (Super Admin, Cluster Admin, Branch Admin).

- Developed modules for **User & Branch Management**, **Vendor**, **PO/GRN**, **Stock Management**, and **Vehicle Tracking**.
- Implemented **Stock Transfer**, **Goods Return**, **Stock Aging**, and **Ledger Accounting (Vendor/Product/Vehicle-wise)**.

Junior Backend Developer — Aegiiz Technologies

Aegiiz Technologies — Aug 2025 – Present

Hygeia Healthcare Platform

- Developed a **counselor–patient management system** with five user roles (**Super Admin, Admin, Counselor, DEO, User**).
- Implemented **session management**, **client assignment**, and **template-based form workflows**.
- Ensured **data privacy, role-based access control**, and **healthcare compliance**.

Ongoing Projects

> **Dating App** & **E-Commerce Platform** — Built with **FastAPI**, **Express.js**, **MySQL**, **WebSockets**, **PhonePe API**, **OpenAI API**; features include real-time chat, AI matchmaking, multi-vendor catalog, checkout, and inventory tracking.

Education

- **Master of Computer Applications (MCA)**
  Hindusthan College of Arts & Science, Coimbatore
  Jun 2022 – May 2024
- **Bachelor of Science in Computer Technology (B.Sc. CT)**
  Kongunadu College of Arts & Science, Coimbatore
  Jun 2019 – May 2022

Certifications & Trainings

- **Python Essentials** – Kongunadu College of Arts & Science
  - *Gained a strong understanding of core Python concepts.*
- ***Associate Data Analyst & Data Science*** *– DataCamp*
  - *Learned data analysis and data science concepts using Python, including libraries such as **NumPy, Pandas, Matplotlib, and Seaborn**.*
- ***Full Stack Development in Python*** *– QSpiders*
  - *Gained expertise in **Oracle SQL, Python, web technologies (HTML, CSS, JavaScript), and Django**.*