

# Gautam Thorani

## Full Stack Developer

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### PROFILE SUMMARY

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Computer Science student with hands-on experience in full-stack development, Linux systems, and automation. Skilled in diagnosing and resolving technical issues, collaborating remotely with engineering teams, and improving system reliability. Passionate about helping users and teams solve complex technical problems efficiently.

### TECHNICAL SKILLS

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**Languages & Frameworks:** Python, JavaScript, TypeScript, Node.js, Express, Fast API, React, HTML, CSS  
**Databases & Infrastructure:** PostgreSQL, MongoDB, Docker, Kubernetes, Linux  
**Concepts & Practices:** RESTful APIs, Responsive Web Design, Authentication & Authorization, Agile Development  
**AI & Data:** Machine Learning, Statistical Analysis, Data Visualization  
**Soft Skills:** Problem-Solving, Fast Learning, Initiative, Time Management, Team Collaboration

### PROFESSIONAL EXPERIENCE

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#### Software Engineer (Contract) | After Query Experts (YC 25) — Remote

Aug 2025 – Present

- Automated Ubuntu workflows with Bash scripts, cutting deployment time and boosting CI/CD stability.
- Optimized deployment pipelines to ensure fast, stable, and repeatable environment setups.
- Collaborated with engineers to debug systems, automate repetitive tasks, and improve reliability.
- Worked in a fast-paced, asynchronous environment, adapting to evolving product and infra priorities.

#### Open-Source Contributor | GitHub— Remote

Aug 2025 – Present

- Contributed to cloud-init (Canonical's open-source cloud infrastructure project).
- Migrated unit tests to pytest and submitted multiple PRs currently under review.
- Improved test coverage and modernized testing style to align with project standards.
- Actively collaborated through PR reviews, CI/CD checks, and open-source contribution guidelines.
- Strengthened experience with Linux systems, cloud provisioning, and large open-source codebases.
- Reported and discussed bugs with maintainers, following community support practices for issue resolution.

#### Freelance AI Developer | Data Annotation. tech — Remote

Jan 2024 – June 2024

- Developed and optimized Python scripts for data automation and processing.
- Integrated third-party APIs to enhance workflow efficiency.
- Automated data validation and annotation pipelines to improve AI model accuracy.
- Actively collaborated in a remote, dynamic environment to streamline AI-driven processes.

## PROJECTS

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### AI Recipe Recommendation App (FYP)

**Tech Stack:** React Native (Expo), Tailwind CSS, Flask, Supabase, YOLOv11, OpenAI API

- Implemented ingredient detection via image upload using real-time object detection (YOLOv11).
- Engineered smart recipe suggestions based on detected ingredients using OpenAI API.
- Built user authentication and recipe history management with Supabase.
- Developed a cross-platform mobile app (Android & iOS) with detailed step-by-step recipe views.

### Document Q&A System with Mistral LLM

**Tech Stack:** Python, FastAPI, LangChain, Mistral LLM (via Open Router API), Sentence Transformers, Chroma DB, Docker, Docker Compose

- Upload documents (e.g., PDF, TXT, DOCX) processed and stored in a vector database
- Ask natural language questions based on the content of the uploaded documents
- Answers generated by the Mistral LLM, sourced directly from the provided documents
- RESTful API endpoints for document management, question submission, and response retrieval.
- Containerized application environment for easy deployment and scalability using Docker.

### E-Grocery Platform

**Tech Stack:** React.js, Node.js, Express.js, MongoDB Atlas, Cloudinary, Stripe, Tailwind CSS

- Developed a full-stack e-grocery platform with product listing, search, cart, and secure checkout
- Integrated Stripe payments for secure, real-time transactions and Cloudinary for media optimization
- Implemented JWT-based authentication and role-based access control for admin/user separation
- Built clean API architecture with focus on performance and deployment readiness

## EDUCATION

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### Bachelor's In Computer Science

Institute Of Business Administration (IBA) | Sukkur

Aug 2021 – June 2025

### Intermediate In Commerce

Tabani School of Accountancy | Karachi

May 2018 – May 2020

### Courses & Certification

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- CS50's Web Programming with Python and JavaScript (EDX)
- CS50: Introduction to Computer Science (EDX)
- Microservices with node JS and React (Udemy)