# Adith P

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## SUMMARY

Backend-focused Full-Stack Developer specializing in Django, PostgreSQL, REST APIs, Redis, and scalable backend systems. Experienced in implementing authentication flows, OTP systems, Google OAuth, and production-level database architecture. Strong understanding of API design, caching, ORM optimization, and modern deployment platforms.

## TECHNICAL STRENGTHS

**Core Backend:** Django, Django ORM, REST APIs, Authentication, OTP, Google OAuth, Sessions, Redis Cache
**DevOps:** Docker, Kubernetes (Basics),
**Deployment:** Render, Vercel, Netlify
**Frontend:** React, HTML, CSS, Tailwind, Bootstrap
**Databases:** PostgreSQL, Supabase
**Tools:** Git, Postman, VS Code, Debugging, API Testing

## MAIN PROJECTS

### Hampr E-Commerce Platform (In Development)                                            2025
*Django, PostgreSQL, Redis*

- Developing a Django backend for a single-vendor e-commerce platform using Class-Based Views (CBVs) for clean, scalable architecture.

- Implemented login, signup, and Google OAuth authentication with secure session handling, improving authentication reliability.

- Integrated Redis for session storage and caching layers, reducing repeated database hits and improving response time.

- **Project Idea:** A modern single-vendor e-commerce app where users can browse products, manage wishlists, and place orders with fast, optimized backend workflows.

### Advanced Blog Application                                                              2025
*Django, PostgreSQL*

- Developed 10+ CRUD modules including categories, tags, search, and slug-based URLs.

- Implemented OTP login, password reset workflow, and secure authentication system.

- Designed 4 optimized PostgreSQL models ensuring fast relational queries.

### College Management System (Backend Developer)                                          2024
*Django, PostgreSQL*

- Built backend modules for book records, student browsing, and wishlist features.

- Implemented admin-only book creation and role-based user permissions.

### WeatherApp                                                                             2023
*React Native*

- Developed real-time weather application using OpenWeather API and mobile geolocation.

## MINI PROJECTS

### Travel App (Backend)                                                                   2023
*Django, PostgreSQL*

- Implemented CRUD for travel destinations and integrated user login and wishlist features.

- Built search and booking flow for users browsing travel packages.

**Library Management System** 2025
*Django, PostgreSQL*

- Created admin-side book management and user browsing interface with PostgreSQL models.

- Implemented wishlist mechanism for users without overlapping CMS functionality.

**Wibbitz UI Clone** 2024
*HTML, CSS, JS, PostgreSQL*

- Built UI inspired by Wibbitz with custom page layouts and editor-like interface.

- Stored project metadata and UI configurations inside PostgreSQL for persistence.

## EXPERIENCE

**Full-Stack Developer Student — MakBig Academy** 2025 – Present
*Calicut, Kerala*

- Worked on multiple Django-based backend projects focusing on authentication, sessions, and secure user workflows.

- Designed normalized PostgreSQL database models and improved data relationships across different modules.

- Implemented reusable Django components (views, forms, utilities), improving development efficiency by 25%.

- Gained hands-on experience in debugging, optimizing ORM queries, and structuring scalable Django applications.

## EDUCATION

**BSc Computer Science** 2022 – 2025
University of Calicut, Kerala

## CERTIFICATIONS

Full Stack Development — Steyp (React + Django)