Ashutosh Rajput

BACKEND DEVELOPER

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Backend developer with most of my work in Python and Flask over SQL: money movement, GST billing, and the unglamorous parts that have to be exactly right - a PIN verified on the server, a backup that restores, a PDF whose totals agree. Currently going deep on data structures and algorithms in Java, and building small things with GenAI.

EXPERIENCE

Software Developer Intern · ZenDevX

Sep 2023 - Mar 2025

- Improved application stability by about 25% through bug reductions in modules and making the UI more responsive, impacting over 200 internal users.
- Enhanced the no-code engine for ZenDevX, increasing code generation accuracy by approximately 15% and reducing manual development time for client teams by up to 30%.
- Delivered more than 10 feature updates in iterations; all were completed on time due to good coordination with different teams and taking stakeholder feedback into consideration.

PROJECTS

Wault - a UPI-Style Wallet

Live

Python · Flask · PostgreSQL · React 19 · TypeScript · Docker - live, code

- The PIN is verified on the server for every debit, and balances are integer paise moved by atomic updates, so two taps at once cannot overdraw an account
- Flask 3, SQLAlchemy and PostgreSQL behind a React 19 and TypeScript client, shipped as one Docker image on Render so the API and the app share an origin

IFM Billing Software

In daily use

Python · Flask · SQLite · Jinja2 · JavaScript - internal build, no public link

- Purchase and sales bills with automatic GST at 9% CGST + 9% SGST
- Monthly and quarterly CA-ready PDF reports, plus print-ready tax invoices

7-8 Strategic Card Game

Shipped

HTML · CSS · JavaScript - live, code

- Trump declarations, a CPU opponent and live score tracking
- Game rules, turn order and scoring modelled in plain JavaScript

Developer Portfolio

Live

Next.js · TypeScript · Tailwind CSS - live, code

- Eight languages, dark mode and a static export with no runtime backend
- Set like a document: numbered sections, hairline rules, monospace metadata

SKILLS

LANGUAGES	Python, Java, JavaScript, TypeScript, SQL
BACKEND	Flask, REST APIs, SQLAlchemy, Jinja2, JWT auth
DATABASE	PostgreSQL, SQLite, MySQL
FRONTEND	React, Next.js, Tailwind CSS, HTML5, CSS3
TOOLS	Git, GitHub, Docker, VS Code, Postman, Render, Vercel

EDUCATION

B.Tech Computer Engineering