

Kaustubha Chaturvedi

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About Me

I am an experienced Backend Developer with a strong background in optimizing system performance and leading key projects to completion. Proficient in Django, FastAPI, PostgreSQL, and Docker, I excel at improving load times and enhancing API performance.

Education

B.Tech in Computer Science

Aug 2019 – Jul 2023

CGPA: 8.0

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Database Management

Rajiv Gandhi Proudlyogiki Vishwavidyalaya

Bhopal, IN

Experience

Backend Developer

Nov 2023 – Present

Prishni

Bangalore, IN

Django, FastAPI, PostgreSQL, Azure, Docker

- Enhanced major part of backend for the company website, improving load times by 300%.
- Led a key project, delivering it ahead of schedule.
- Implemented caching strategies that decreased database queries by 40%, enhancing overall system performance.

App Development Lead

Jan 2023 – Oct 2023

Undigitally

Mumbai, IN

Flutter, Firebase, FastAPI

- Engineered app backend, boosting API performance by 30%.
- Collaborated with frontend teams to integrate new features, reducing 50% errors.

Web Development Intern

Jul 2021 – Nov 2021

Police HQ, Bhopal

Bhopal, IN

Django, MariaDB, Docker

- Developed and launched a website for India Covid Help Group for PHQ's internal usage, ensuring 100% uptime.
- Managed server deployments and database integrations, enhancing operational efficiency by 40%.

Projects

E-Commerce Site

Django, Python, PostgreSQL, Tailwind, HTMX

- Built a B2B sales platform for inventory management, resulting in an increase in sales and a 75% reduction in manual inventory management efforts.

Ecommerce API

FastAPI, Python, MongoDB, Motor

- Developed a robust API for client use, enhancing testing capabilities and improving API response times by 20%, with server uptime reaching 99%.

BLIP

Django, Python, MariaDB, Tailwind

- Created a full-featured blogging CMS, deployed rapidly and actively used by three public institutions and numerous individuals.

Chess Engine

Python, Pygame

- Designed an automated chess bot achieving a 900 Elo rating against single players and improved algorithm efficiency, reducing move calculation time by 70%.

Skills

Programming Languages: Python, C/C++, JavaScript, Golang, Java

Frameworks & Libraries: Django, FastAPI, Express.js, Flask, NextJS, TensorFlow, Keras, Pandas

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, Redis

DevOps & Tools: Git, Docker, AWS, Azure, Kubernetes