Chinmay P

Backend Developer

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https://github.com/chinmay-prasanna | https://myfolio-xy4i.onrender.com

Professional Summary

Backend Developer with 3 years of experience building scalable applications from the ground up using clean architecture principles. Proven expertise in integrating microservices and deploying machine learning models into production environments. Adept at designing robust backend systems that perform reliably under scale.

Skills

Technical Skills:
- Languages: Python, Go, Bash, JavaScript
- Frameworks & Libraries: Django, Flask, FastAPI, React, Electron, Eel
- Databases: PostgreSQL, MySQL, MongoDB
- Tools & Technologies: Docker, Git, Redis, RabbitMQ, Celery, Pub/Sub, SSH, VM management, Cloud infrastructure
- DevOps & Cloud: Google Cloud Platform (GCP), Amazon Web Services (AWS), Jenkins

Soft Skills:
- Strong problem-solving skills
- Effective team collaboration
- Clear communicator
- Adaptable and quick learner
- Attention to detail
- Ownership-driven mindset

Professional Experience

Backend Team Lead - Viga Entertainment, Bangalore (Remote) | 2023 - Present
- Led a backend team in developing multiple production-grade applications and microservices.
- Engineered a robust backend deployment system with Docker, Docker Compose, and shell scripts, slashing deployment time by 60% and enabling 100+ successful deployments per month across cloud and on-premise environments.
- Architected a scalable, role-based authentication system supporting 5+ internal platforms and 1,000+ users, improving access control consistency and reducing integration time by 40%.
- Built internal developer tooling, including a CLI that streamlined deployment workflows, reducing deployment time by 50% and improving team efficiency across 3+ projects.
- Developed a dynamic pricing engine integrated with licensing tiers, enabling license-based access control and subscription enforcement across 4+ products, increasing monetization efficiency by 35%.

Backend Engineer - Viga Entertainment, Bangalore (Remote) | 2022 - 2023

- Implemented robust role-based access control (RBAC) across 10+ microservices, enhancing security
  posture and reducing permission-related incidents by 60%.
- Developed and deployed multiple microservices leveraging VMs and cloud functions.
- Delivered key infrastructure tools, including:
    An AI-enhanced comment analysis system leveraging contextual NLP, boosting moderation efficiency.
    A scalable SMTP email delivery server, improving delivery reliability to 99.9%.
    A video transcoding pipeline using FFmpeg, reducing media processing time by 60%.

Backend Intern - Mphasis, Bangalore (Remote) | Aug 2021 - Jan 2022

- Designed and implemented NLP algorithms to extract sentiment insights from 1M+ user comments,
  improving customer feedback analysis accuracy by 40% and enabling faster decision-making.
- Contributed to internal tools by developing small frontend components using Angular.

Education

Bachelor of Technology (B.Tech) in Electrical and Electronics Engineering

PES University - Bangalore | Graduated: 2022

Projects

Remote File Manager

Developed a secure file transfer tool using SFTP protocol by spinning up a host server. Built with a
Python backend and React frontend.
https://github.com/chinmay-prasanna/remote-file-manager/tree/feature

EasySSH

Built an SSH session management application enabling users to connect and control multiple
SSH clients simultaneously. Used Python and Eel for the backend and frontend, with PostgreSQL
for secure storage.
https://github.com/chinmay-prasanna/easySSH/tree/master

Binks Sake (Music Streaming Server)

Designed a personal music server that allows efficient music library streaming with
chunk-based file uploads to reduce latency. Built with a Python backend and React frontend.
https://github.com/chinmay-prasanna/binks-sake/tree/master

EasyMovie (Torrent Streaming Client)

Developed a Python-based torrent client that supports streaming audio and video files via the
Torrent protocol.
https://github.com/chinmay-prasanna/easy-movie/tree/master