

Q&A;: GreenTech - Backend Developer

Q: Why are you interested in GreenTech?

A: I'm drawn to GreenTech because of the focus on sustainable solutions and the opportunity to contribute to a company making a positive impact. Your need for a backend developer to maintain cloud infrastructure and optimize API performance strongly aligns with my skills and experience in designing scalable systems. I'm eager to apply my expertise in optimizing performance and ensuring reliability within a company committed to environmental responsibility.

Q: Explain your experience with cloud platforms.

A: I have experience managing cloud infrastructure using AWS, Firebase, Netlify, and Heroku. In my previous role at Sony, I oversaw all non-production environments, ensuring stability and efficient resource utilization. For my personal project Dolores, I deployed a backend on AWS EC2, horizontally scaled it, and load balanced with NGINX to handle high traffic. I am confident in my ability to maintain and optimize cloud resources at GreenTech.

Q: Describe a backend project you are proud of.

A: I'm particularly proud of the Dolores project, where I optimized the backend to handle a massive influx of users for an existing frontend. I ETL'd over 10 million records with PostgreSQL, implemented Redis caching, and deployed on AWS EC2, achieving a 60ms average response time with 0% error rate under heavy load testing. This project demonstrates my ability to not only build robust systems but also significantly improve performance and scalability in demanding environments, skills that would be invaluable at GreenTech.