

TARN BARFORD

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Octopus Energy Group, Kraken Technologies

Dear Hiring Manager,

I am thrilled to apply for the Senior Backend Developer position at Kraken Technologies in the Octopus Energy Group. I am seeking an engineering role within a medium to large tech company where I can collaborate with talented individuals, tackle complex problems at scale, continually expand my skills, and contribute to a company I can be proud of being part of.

With nearly two decades of professional experience as a software engineer, I bring extensive software engineering and operations experience. Python is my go-to language for many tasks; I have strong skills and years of professional experience using the language

While I don't have significant experience with Django I have experience developing web applications and HTTP/REST APIs with other Python web frameworks such as Tornado, Flask and FastAPI. Additionally, I have considerable experience with a somewhat equivalent framework, Ruby on Rails.

I am passionate and experienced in building reliable, observable, robust, and fault-tolerant software systems. I am comfortable with high-level domain modeling and have designed and worked on distributed asynchronous data pipelines.

I have significant experience working with PostgreSQL as a developer and operator. I've tuned PostgreSQL to handle specific workloads and deployed it in clustered fault tolerant automatic failover configurations on Kubernetes.

I've used a wide range of deployment and provisioning tools. Although I don't have specific experience with Terraform, Packer and Consul, I am confident I could work well with them. I've deployed and operated systems on various cloud platforms including AWS.

I hope to have the opportunity to learn more about the role and demonstrate why I'd be a great asset at Kraken Technologies.

Sincerely,



Tarn Barford