



Senior Python Backend Engineer

Auckland Central
Full time

The pitch

It's very simple. We believe our people make the difference, and we are passionate about providing a place where you feel supported, challenged, significant, and valued. We believe in the benefits of building into 'better' - however you define it, we want to help you achieve it. As a well-funded award-winning startup, you're an integral part of who we are and who we'll become. You'll grow with us. We believe you really can love what you do!

Who are you?

- You're genuinely interested in people, technology, how and why things work.
- You love to build things for real people. Perhaps you've had several side projects in the past.
- You know how to research quickly to find if there is a better way of doing something.
- You're someone who cares about the quality of your code, ever-seeking to hone your skills, adopt new technologies, and embrace problems. You're committed to the collective and your personal growth. You display a can-do attitude and a problem solving mentality. Integrity is a non-negotiable for you. You are confident, humble, self-aware, and responsible.
- You are looking to expand your skill set. You set goals and are driven to achieve them. You want to get your foot in the door and learn from senior engineers.
- You're passionate about the world and take an interest in other areas of life, whether it be your family, fashion, or frisbee.

Who are we?

Based in New Zealand and expanded into the US, Hectre is a growing SaaS (Software as a Service) company that helps fruit growers produce more, quality fruit, with less environmental impact (yes, we are big on sustainability). Our mission is to empower fruit growers with the world's simplest orchard technologies.

We're excited about building technology that our customers love to use. Our focus is to empower growers. We are passionate about making a difference in their lives.

Want to learn more? Check us out at www.hectre.com

The people

We are small but diverse! We have runners, gamers, kite surfers, someone famous on Tudou, movie buffs, auto buffs, foodies, ethnicities from all around the globe - a good, hard-working team who care about their work and the difference it makes!

We're enthusiastic about what we do. We enjoy working as a team, bouncing ideas off each other. We're agile, and we're flexible. We embrace diversity but share a unified vision. We don't shy away from taking the time to have an open discussion if we have different points of view. Does this sound like you?

Your responsibilities?

- Work in Hectre's R&D Team to build and maintain the backend of the Spectre product alongside our lead Backend Engineer, Henry
- Write robust and quality code in Python
- Build new (mostly) product features
- Ensure the performance, quality, and responsiveness of your projects
- Maintain good communication with the team
- You will manage your own projects
- Work closely with other members of the development team
- Guide and mentor other members of the development team
- Share your ideas and participate in group discussions
- Assist with our customers inquiries and problems

Your skills?

- You have a strong Python programming experience using best practices
- You are an automated tests aficionado
- You are not a DB admin but you have enough experience with SQL and databases to use them in your work
- Git has no secret for you
- You have experience in Docker, Python virtual env and in deploying container life cycle provisioning with ECS/Kubernetes
- You know how to communicate with a team, how to push back, how to share your opinion and follow through on your commitments
- You believe in creating robust processes to minimise downtime and rework
- You are independent and take responsibility for the quality of your code
- You have got passion and enthusiasm and are eager to learn new things

What You'll Be Expected To Work Towards (with support from our team):

- Deploying Machine Learning (ML) life cycle: Research, Training, Deploy, Tuning with Nvidia Cuda or GPU
- Familiar with Tensorflow/Keras
- Experience with ML + Computer vision

Bonus Skills/Nice To Haves:

- Experiences on training/deployment SSD, Mask R-CNN, Object tracking
- OpenCV (Augmentation, data clean, transformation, image processing (blending, contour, PCA/FitEllipse ...))
- Python Flask API, ORM SQLAlchemy, Pytest
- Deploy Infrastructure as Code (CDK/Terraform)
- AWS Cloud services and development
- You know loads about horticulture or the horticulture industry

What's in it for you?

- Ground floor opportunity with a well-funded award-winning startup (options package)
- Inspiring leadership that genuinely cares
- Software (AgTech/AI) industry, c'mon!
- Flexible work environment
- A fun, supportive team culture with people who are passionate
- Continuing development and learning opportunities
- Great opportunity to accelerate your career growth
- Being involved in building a valuable product that makes a global impact for future generations

How to apply? Send your resume to jobs@hectre.com and tell us why you think you'll be a good fit for Hectre!