

JASPER CANTWELL

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Dear Hiring Manager,

[OPENING PARAGRAPH - Express interest in specific role and company and have a personal explanation for why I am applying - this could be an interest in the technology or the background industry (i.e related to physics). Do not just repeated phrases used in the Job description]

I am a highly motivated full-stack software engineer with a strong foundation in physics, which sharpens my analytical and problem-solving skills. My experience as a full-stack engineer at a fast-paced AI startup has equipped me with a strong foundation in designing, building, and deploying robust software solutions in an Agile environment. My technical skills - including Python (FastAPI, PyTorch), TypeScript/JavaScript (React, Next.js), and comprehensive experience with AWS services (Lambda, ECS, SQS, CloudFormation, etc.) for cloud infrastructure and CI/CD pipelines - *[directly match the requirements for this role / position me well for this role]*.

[EXPERIENCE PARAGRAPH - Highlight specific relevant experience]

Options to consider:

- *Full-stack focus: My professional experience has been focused on full-stack development, and I have a proven capability to take complex services from concept to production.*
- *Backend focus: My professional experience has been focused on backend development, and I have a proven capability to take complex services from concept to production.*
- *Architecture experience: I was selected to join a scout team to design a long-term event-driven microservice architecture.*
- *Cross-functional collaboration: I have extensive experience working cross-functionally, from collaborating with data scientists to mentoring new hires and delivering technical presentations.*

[COMPANY-SPECIFIC PARAGRAPH - Optional: Add if there's specific alignment]

Examples:

- *For ML/AI companies: Mention Bayesian optimization, BoTorch experience, uncertainty quantification*
- *For product-focused roles: Emphasize product ownership mindset, user-centric approach*
- *For specific tech stack: Highlight alignment or willingness to learn*

This passion for development extends beyond my professional roles. I am currently undertaking a bikepacking trip from England towards Bangladesh and have been building and deploying several full-stack projects along the way. For example, my findkairos.com project is a web app built with a Python FastAPI backend, MongoDB, and deployed serverlessly on AWS Lambda, with a Next.js frontend. *[Optional: Add specific connection to role if relevant]*

Given my current journey, I am most readily reachable via email (jasper66018@gmail.com) or WhatsApp (+447423781157) *[to arrange a video call at your convenience / for any questions].*

I am confident that my technical skills, proactive problem-solving approach, and self-motivated mindset would make me a valuable addition to your team. Thank you for your time and consideration. *[Optional: Add "I have attached my CV for your review and look forward to the possibility of discussing this opportunity further." if submitting CV]*

Kind regards,
Jasper Cantwell