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To Whom It May Concern,

I am writing to express my interest in a position that aligns with my certified extensive background as a Senior Full-Stack Developer and Cloud Engineer. With over 20 years of professional, certified experience across a diverse range of industries, I have meticulously honed my skills in various technologies. Software development is not merely a career for me; it's a lifelong passion that I've been pursuing since the age of ten.

Most recently, I have been employed as a Software Engineer at BotNot, Inc. (yofi.ai), specializing in content recommendations. Although bound by a Non-Disclosure Agreement that restricts me from revealing specific clients, I can state that the companies we serve are leaders in their respective industries. During my tenure, I have had the opportunity to work with a comprehensive suite of technologies that are central to modern, scalable solutions. Specifically:

- AWS Lambda and GCP Cloud Functions: These server-less platforms have enabled us to build highly responsive and cost-effective applications by automatically managing the compute resources.

- Node.js and Python for Backend: I have utilized these programming languages extensively to build robust and performant backend systems that can handle complex logic and high-volume data manipulation.

- Airflow for Workflow Automation: Beyond simple workflow orchestration with Apache Airflow, I've developed custom DAG operators to address unique requirements, enhancing data pipelines and task dependencies for more efficient and error-free operations.

- GCP Vertex AI for Machine Learning Solutions: Leveraging Google's Vertex AI, I've contributed to the development and deployment of machine learning models that bring sophisticated data analytics and predictive capabilities to our platform.

- Cloud Communication using AWS SNS and SQS: A key part of our architecture involves cross-cloud communication between AWS and GCP. I've expertly used AWS Simple Notification Service (SNS) for decoupled publishing of messages, and Simple Queue Service (SQS) for reliable message queuing, ensuring seamless data flow and event-driven computing across platforms.

- API and Event Triggers on AWS and GCP: I have designed and implemented several APIs within both AWS and GCP environments, optimizing data interchange and system integration. Additionally, I've created GCP Pub/Sub triggers to manage real-time event processing for crawlers, further enhancing the flexibility and responsiveness of our platform's architecture.

- Security and Compliance: In line with Vanta™ and SOC2™ compliance standards, I have been actively involved in vulnerability mitigation, troubleshooting, and cloud environment reconfiguration focused on security. My role has been to identify and mitigate vulnerabilities, enhance cloud security layers, and continually monitor and audit the infrastructure using tools such as Intrusion Detection Systems (IDS) and ScoutSuite.

This multifaceted technical environment has not only broadened my expertise but also deepened my understanding of how to synergize various technologies to produce cloud-based solutions, scalable architecture, and data orchestration.

Before joining BotNot, I spent five years as a freelance developer, where I worked on a range of diverse projects. One of the notable assignments involved technologies related to data and web scraping for betting platforms and sports websites. The projects also required the creation of a specialized driver in Erlang for InfluxDB, as well as the development of Telegram bots for various client needs. Moreover, I built several APIs using Python and Node.js to support different functionalities and integrations across these platforms.
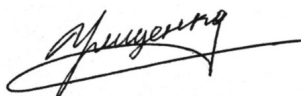
Between 2017 and 2018, I held a Software Engineer position at Hindix, a leading Belgian betting platform. During my tenure, I was responsible for the enhancement and maintenance of the platform's backend infrastructure, which was predominantly built using Python. My contributions included not only the development of new features but also the identification and rectification of bugs. To optimize various processes, I implemented automation solutions using Selenium.

Additionally, I was selected to participate in an exclusive Upwork program designed for developers with specialized experience in Amazon Web Services (AWS). This provided me the opportunity to work with an Upwork Enterprise Client, a collaboration that concluded with stellar recommendations. This, along with my extensive career history, can be further validated through the endorsements and testimonials available on my LinkedIn and Upwork profiles.

Over the span of 17 years, from 2005 to 2022, I had the privilege of serving as a key contributor at BBVA (bbva.com), a prestigious international financial institution. I spearheaded the development of an innovative open-source computing platform and financial terminal built on a Linux framework. This groundbreaking initiative yielded significant financial benefits for the organization, saving tens of millions of dollars in software licensing and operational expenditures. Due to its success, the platform was widely adopted, extending its implementation across all BBVA branches in United States, Mexico, Latin America as well as Spain.

I am eager to apply my diverse set of skills and extensive experience to your esteemed organization. Driven by a strong sense of motivation and commitment, I am in search of a dynamic role that not only challenges me but also offers avenues for both personal and professional development.

Thank you for taking the time to consider my application. I am highly interested in further discussing how my background and skills align with your needs, and I am excited about the prospect of a potential interview to explore this opportunity further.

Sincerely,
Eugenio Grytsenko.