Nikolaos Bakalis

HR Department   May 23, 2024
JPMorgan Chase & Co.
450 W 33rd St
New York, NY, 10001, US

Dear Hiring Manager,

I am writing to express my enthousiasm in the Software Engineer | Backend position at JPMorgan. My love of modern technology along with my Master's degree in Artificial Intelligence and Big Data have given me a thorough understanding of and practical expertise with backend technologies. I have a fantastic opportunity to use my experience in an innovative fintech setting with this employment at JPMorgan.

One of the projects that best represents my abilities is "Stocker," an AI-driven fintech application that I co-developed with a former colleague to improve trading methods. This tool shows my commitment to creating technological applications in data-intensive industries, as well as my capacity to handle complex datasets. With my experience in AI and ML and the quantitative models we've successfully implemented in "Stocker," I am in a position to make a substantial contribution to JPMorgan's goals relative to production and promotion process improvement. Furthermore, my recent acquisition of multiple certificates in the fintech and quantitative domains highlights my continuous enthusiasm and intense curiosity about JPMorgan's day-to-day activities. I'm excited about the chance to contribute my abilities and commitment to furthering JPMorgan's creative activities.

Additionally, I bring solid experience in backend technologies and CI/CD, utilizing frameworks such as Flask and Django, as well as PostgreSQL, SQL-Alchemy, Alembic, and Docker along with data libraries like NumPy and Pandas. This technical skill set enables me to build robust, scalable backend systems that can process and analyze large datasets efficiently. My proficiency in these technologies, combined with my understanding of AI-driven applications, aligns well with the dynamic and technologically advanced projects at JPMorgan.

Moreover, I have proven my ability to thrive under pressure. While completing my full-time master's degree, I also excelled in a full-time role as a Software Engineer at ACERTUS. Balancing these demanding responsibilities required exceptional time management and resilience, skills that are essential for succeeding in the fast-paced environment at JPMorgan.

I am enthusiastic about the opportunity to bring my blend of skills, experience, and passion for technology to your innovative team. I look forward to discussing how my background aligns with the goals of JPMorgan and how I can contribute to your continued success.

Thank you for considering my application.

Nikolaos Bakalis