

Dear Aurora Talent Acquisition team,

I am reaching out regarding the Full Stack Engineer, Perception: Performance & Coverage position presented on your web-site and advertised during We.Connect Presents 2024 Auto AI & OSS.5 Conference. With over four years of experience delivering scalable, efficient, and innovative solutions in the software industry, I believe my skill set aligns perfectly with your requirements and the company's direction.

After researching Aurora, I came across Aurora's Verifiable AI Approach to Self-Driving, which demonstrates the significant strides your team is making. This seems like an exciting time to join, and I am enthusiastic about the prospect of contributing to Aurora's growth and continued innovation.

Upon thoroughly analyzing the job description, I identified three primary requirements for this role: expertise in system architecture, strong command of full-stack development, and collaborative, cross-functional teamwork.

I have consistently excelled in designing scalable and modular system architectures throughout my career. At PromptAds, I developed an AI-driven advertising solution, optimizing APIs for sub-millisecond CRUD operations and ensuring seamless scalability and integration across platforms. I created end-to-end system tests using Python and Flask, which cut testing costs and time significantly, and at Signet, my modular architecture choices boosted customer satisfaction by 7%.

In terms of full-stack development, my extensive experience with frameworks such as Angular, FastAPI, and Flask, coupled with proficiency in Python, JavaScript, and SQL, has enabled me to deliver impactful web applications and APIs. At Signet, I implemented RESTful APIs with Angular and PostgreSQL for features like briefing requests, reducing response times to under 3 seconds. By leveraging TypeORM and AWS SDK, I streamlined tenant setup processes, slashing setup time by 40% while improving security.

As a collaborative team player, I've been effective in aligning stakeholders from various departments. Whether handling hotfixes with customer success teams or collaborating with marketing for feature presentations, my interpersonal skills ensured cross-functional progress and timely delivery. I routinely shared knowledge and mentored juniors, while presenting new development plans, fostering a culture of clarity and efficiency.

I would be delighted to be granted an opportunity for an interview, during which I can tell you more about my skills and experience, and prove to you that I am the right fit for this role. I hope that you will give me a chance to contribute to your mission and growth going forward.

I look forward to hearing from you.

Yours sincerely,

Albert Luppel
albert.y.luppel@gmail.com