

Dear Hiring Manager,

I am writing to apply for the Junior Services Engineer position at SS8 Networks. With five months of professional experience as the sole data and infrastructure engineer at a growing SME, I have developed strong hands-on skills in Linux administration, containerized deployments, and networking, which I am eager to bring into a role where I can contribute to a mission that truly matters.

In my current role, I was tasked with consolidating fragmented business systems into a unified, automated stack. I designed and deployed multi-stage ETL pipelines backed by PostgreSQL, built reusable Python libraries for internal services, and managed all deployments on a Debian 12 bare-metal server I configured from scratch. I orchestrate services with Docker Compose, use Bash and Just to streamline complex workflows, and manage networking through VPNs, DNS, and Docker bridge/ipvlan configurations. Alongside this technical work, I collaborate directly with non-technical stakeholders to gather requirements and deliver solutions that reduce manual effort and improve reliability.

While I have not yet worked in telecom environments or with lawful intercept standards, I am confident in my ability to learn quickly and adapt. My career so far has been self-directed — I have taught myself the skills to build and maintain production systems from the ground up, and I am now looking for a professional environment where I can apply this drive while learning new technologies such as SIP, GTP, and Diameter. I am particularly drawn to SS8's mission of helping make societies safer. After working in a profit-driven environment where cutting corners was the norm, I want to contribute to systems where quality and reliability directly support people's lives and security.

I would welcome the opportunity to bring my skills in Linux, networking, containerization, and automation to SS8, and to grow into the telecom and customer deployment expertise required for this role. I am ready to take on the challenge, and I am motivated by the chance to make a tangible difference through technology.

Thank you for considering my application. I look forward to the possibility of discussing how I can contribute to your team.

Sincerely,  
Frey Lyons