

Dear XP Power Engineering Services Group,

I'm applying for the Software Engineer role building the internal tools and systems that keep your operations running at speed. That's the work I most enjoy: at DOST-ASTI I spent two years building internal Python services and turning messy operational workflows into things ops teams actually use, shipping iteratively with frequent feedback. The mix you describe — Python backends, React interfaces, databases, Docker, and automated validation — maps directly to what I do.

A few concrete reasons I think I'd fit. On the backend, I built and maintained internal platform services in Python and designed the databases behind them, including query optimization through root-cause analysis and integrating RDS and Redis. On testing, I'm comfortable owning quality: I took unit-test coverage from 0 to roughly 90% and ran automated smoke and load testing with Grafana K6 — experience I'd bring to your automated test and validation scripts. And on deployment, I built containerized (Docker) applications and an automated build pipeline (S3 → CodeBuild → ECR, provisioned with CloudFormation) for fast, repeatable releases.

On the front end and cross-functional side, I build React/TypeScript dashboards for non-engineering users — for example a map-based grid-status dashboard for Kuryente Watch — and I'm used to working with people from very different backgrounds, translating between technical and operational needs. I'm also genuinely technology-agnostic and quick to pick up new tools, so the parts of your stack I haven't shipped with yet are things I'm confident I can ramp on fast.

I'd welcome the chance to talk about how I can help XP Power's ESG team build and maintain the internal systems your operations depend on. Thank you for your consideration.

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