

Hrithik N L

Software Engineer

github.com/hrithiknl17 | candidates.intervues.club/u/hrithik-n-l

SUMMARY

Software Engineer with hands-on experience in full-stack Python development, cloud integrations, and end-to-end system development. Proven track record in building asset management and live point-of-sale software through rotational full-stack internships. Skilled across modern web frameworks, automated pipelines, and cloud database technologies.

EXPERIENCE

Python Full-Stack Intern

Ethnotech Academy Solutions

Feb 2026 – May 2026

- Engineered Asset Harmony, an inventory and asset management system, using Django, FastAPI, and React.
- Developed a live client restaurant POS system featuring QR table ordering, billing, and payment processing integration.
- Collaborated within a rotational full-stack development team executing daily reviews across frontend, backend, deployment, and testing workflows.

EDUCATION

SJB Institute of Technology, Visvesvaraya Technological University, Bengaluru · B.E. · 2022 – 2026

SKILLS

Languages and Frameworks: CSS, HTML, JavaScript, Jupyter Notebook, Python, SQL, TypeScript, Django, Express, FastAPI, Next.js, Node.js, React

Databases: PostgreSQL, Redis, Supabase

Tools: Docker, Git, GitHub Actions, local models with Ollama, OAuth 2.0, Playwright, Postman, pytest, Redis and BullMQ job queues, relational schema design, REST APIs, retrieval-augmented generation, Vite

PROJECTS

MCPwatch, large-scale test harness

Python, GitHub Actions, PostgreSQL Executed large-scale protocol handshake testing across 6,800 public MCP registry servers using 20 parallel jobs on isolated disposable virtual machines.

Python, GitHub Actions, PostgreSQL

GitHub

Autodraft Payables, invoice extraction pipeline

Python, vision models Engineered an automated invoice extraction pipeline to process multi-language scanned supplier invoices into structured ERP-ready payables.

Python, vision models

GitHub

Grounded, AI technical interviewer

Python, FastAPI, Next.js, Docker Built an AI interviewer application utilizing hybrid dense and keyword retrieval to generate verifiable interview questions tied to exact source textbook passages.

Python, FastAPI, Next.js, Docker

GitHub

Additional projects: Liquid, personal finance tracker, Email Scheduler, queue-driven service, OutreachOS, multi-service automation pipeline

AWARDS

AWS Cloud Technical Essentials, Bug Bounty 101, Big Data 101, Lead, ISE Department Adventure Club, Rajya Puraskar (Governor's Award)