Ditikrushna Giri

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EDUCATION

National Institute of Technology, Tiruchirappalli — Tiruchirappalli, India
Master of Computer Science — *Aug 2018 – Jun 2020*

EXPERIENCE

Founding Software Engineer - Backend — Oct 2023 – Present
CyberDesk GmbH - Identity Security — *Remote*
- Built a **scalable data scanning engine** using **LLMs** and **Regex** to classify sensitive data.
- Implemented **ETL pipelines** and a **serverless flow** for scalable data extraction.

Founding Software Engineer - Backend — Feb 2022 – Oct 2023
Normalyze Inc (Acquired by Proofpoint Inc) — *Remote*
- Developed **database connectors** for AWS, Azure, and GCP databases.
- Orchestrated workflows using **Netflix Conductor** and created microservices for data ingestion.

Research Intern — May 2020 – Oct 2020
The Hong Kong University of Science and Technology — *Remote*
- Researched **Unified Dependency Graph (UDG)** to improve build accuracy and performance.
- Analyzed dependency issues across open-source projects, presenting findings to enhance build reliability.

Software Engineer Intern — Apr 2019 – Jul 2019
JPMorgan Chase Co. — *Bangalore, India*
- Developed a Java parser to transform XML messages, improving data processing.
- Integrated Apache Kafka with Spring Boot for scalable message handling.

Software Engineer Intern - Backend — Apr 2018 – Jul 2018
Oracle — *Bangalore, India*
- Implemented a Java parser for XML transformation and improved messaging workflows.
- Integrated Apache Kafka with backend services to enable high-throughput data pipelines.

TECHNICAL EXPERTISE

Languages: Python, TypeScript, GoLang

Cloud: AWS, Azure, GCP

Databases: RDS, DynamoDB, Neo4j

Tools: Docker, Jenkins, Netflix Conductor

LINKS

GitHub: github.com/ditikrushna

Portfolio: ditikrushna.xyz