

# GEO JOHNS ANTONY

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RESEARCHER, DEVELOPER & DESIGNER IN SYSTEMS & INFRASTRUCTURE

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## SKILLS

DevOps & MLOps  
Research expertise  
Creative & Analytical  
Leadership & Engineer  
Communication  
Strategic thinking

## EDUCATION

*IMT Atlantique, France*

**2021 - 2024**

PhD in Distributed systems

*Vellore Institute of  
Technologies, India*

**2018 - 2020**

Master of Science and  
Engineering in Big data and  
data science

*Christ University, India*

**2014 - 2018**

Bachelor of Science and  
Engineering in Computer  
Science

## CONTACT

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For more details:



Visit: <https://goanto.github.io>

## PROFILE

Engineer and Researcher with over 5 years of experience in Research and Development within Computer Science. My expertise spans across Distributed Systems (Cloud, Edge & self-hosted Infrastructures) and Artificial Intelligence systems (Machine Learning & Deep Learning). My work consistently bridges these two domains, and I remain dedicated to staying current with advancements in both areas.

## EXPERIENCE

*Researcher (PhD), DevOps & System Designer - Inria, France*

**2021-2024**

- Developed a framework to geo-distribute any existing applications without code changes such as e-commerce, Text Editors, Analytical and Management.
- Tools used to build my framework: Kubernetes, CouchDB, RabbitMQ, Python & Golang on cloud and edge.
- Managed & supervised 10 interns and 2 engineers for the project while I designed and implemented the same.

*MLOPS Engineer – Aividtechvision, India - Startup*

**2020-2021**

- Created an automated, scalable MLOps platform for computer vision, supporting models like OpenCV, OpenVINO, PyTorch, and TensorFlow.
- Managed data ingestion, storage, model training, and inferencing from multiple source from Cloud to Edge.
- Integrated tools: Git, GitOps, Anthos, Kubernetes, Docker, Kafka, Hadoop, Google and Azure Cloud, Bare metal servers, Grafana, Prometheus, Airflow, Python & Golang.

*MLOPS Engineer – Reliance Industries, India*

**2019-2020**

- Developed an MLOps platform for the Data Science team, covering data collection to inference.
- Utilized Kubeflow for training models, hyperparameter tuning across various models & workflow orchestration.
- Implemented cost-effective parallel model training using Kubernetes with Function as a Service model.
- I received best employee of the year award for my work