



LAKSHIT CHIRANJIV SAGAR

Full-Stack Software, Cloud & Platform Engineer

Portfolio <https://lakshit-3d-portfolio.vercel.app/> **GitHub** [/Lakshit-Chiranjiv](#) **LinkedIn** [/in/lakshit-chiranjiv-sagar](#)

PERSONAL PROFILE

Software, Cloud & Platform engineer with 3+ years at FICO, promoted from intern to Software Engineer I. Strong in cloud infrastructure, DevOps automation, Kubernetes policy enforcement, and security at scale, with a full-stack web and blockchain background and growing AI-engineering work.

CONTACT DETAILS

Phone 6202613643
Email lakshitscofficial@gmail.com
Location Patna, Bihar, India

SKILLS & ABILITIES

DEVOPS & CLOUD

AWS · Docker · Kubernetes · Kyverno · Terraform · Packer · Jenkins · GitHub Actions · Shell · Linux

FULL-STACK WEB DEV

React · Next.js · Svelte · Vue · Node.js · TypeScript · MongoDB · Supabase · Tailwind

AI ENGINEERING

Python · LangChain · OpenAI API · HuggingFace · Ollama · Pandas · Jupyter

BLOCKCHAIN DEV

Solidity · Hardhat · Foundry · Ethers.js · Wagmi · Viem · Ethereum · IPFS

OTHER

Java · C · C++ · Flutter · React Native · Canva · Figma

ACADEMIC PROFILE

Kalinga Institute of Industrial Technology (KIIT) B.Tech. CSE · 2020 – 2024	9.44 CGPA
Don Bosco Academy, Patna Class XII · 2018 – 2020	86.75 %
Class X · 2009 – 2018	94.6 %

ACHIEVEMENTS

- GATE CSE 2024 — AIR 3534
- GATE CSE 2023 — AIR 4056
- Won Codedamn Hacktoberfest 2021

EMPLOYMENT HISTORY

Software Engineer I — FICO

Jun 2023 – Present · Intern → Cloud Engineer → Software Engineer I

- Built & maintained baseline AMIs (RHEL, Amazon Linux, Windows, macOS) with Packer, and migrated the image-build pipeline from Bitbucket to GitHub with major reliability and speed gains.
- Authored and enforced Kyverno admission policies across a multi-account, multi-cluster EKS estate (cell-based architecture); debugged and fixed bugs in Kyverno itself.
- Drove the Rapid Vulnerability Response (RVR) program to patch resources org-wide at speed across 100+ AWS accounts.
- Enforced AMI compliance & image-tag policy across 100+ AWS accounts via automated Lambda + EventBridge detection, provisioned with Terraform.
- Maintained RedHat IDM auth servers across ~20 AWS regions; handled 500+ incidents including live outages.
- Built multiple internal dashboards & automations: AMI cleanup, image enforcement, Kyverno monitor, changelog generation.

LATEST PROJECTS

Customer Churn Predictor

PYTHON · SCIKIT-LEARN · MLFLOW · DOCKER · AWS

End-to-end ML pipeline predicting telecom churn, with experiment tracking, containerization, and cloud deployment.

github.com/Lakshit-Chiranjiv/Customer-Churn-Predictor

Email Spam Classifier

PYTHON · DOCKER · GITHUB ACTIONS · OPENTOFU · AWS

Production-style classifier with a Streamlit UI, multi-stage Docker build, CI/CD pipeline, and IaC-based AWS deploy.

github.com/Lakshit-Chiranjiv/Email-Spam-Classifer

NetOps — Network Info Tool

NEXT.JS · TYPESCRIPT · TAILWIND CSS

A network utility with IP lookup, DNS lookup, and a port checker, built as a full-stack Next.js app.

github.com/Lakshit-Chiranjiv/Generic-Mini-Projects

Know It AI

NEXT.JS · OPENAI API · TAILWIND CSS

An AI web app that explains any topic in brief, built with Next.js and the OpenAI API.

github.com/Lakshit-Chiranjiv/know-it-ai-website

D-Blog — Decentralized Blog

SOLIDITY · HARDHAT · ETHEREUM

A decentralized blogging dApp backed by Ethereum smart contracts.

github.com/Lakshit-Chiranjiv/D-Blog-Dapp

Mini GPT

JAVASCRIPT · OPENAI API · GPT-3

A minimal Mac-style chatbot answering user questions via the OpenAI API, with smooth animations.

github.com/Lakshit-Chiranjiv/mini-gpt

Customer Segmentation API

PYTHON · SCIKIT-LEARN · DOCKER · KUBERNETES · TERRAFORM

A K-Means segmentation REST API showcasing an end-to-end ML → API → container → Kubernetes → IaC workflow.

github.com/Lakshit-Chiranjiv/Customer-Segmentation-API

Eth Bank

SOLIDITY · JAVASCRIPT · ETHEREUM

A decentralized banking dApp with Solidity smart contracts for on-chain deposits and withdrawals.

github.com/Lakshit-Chiranjiv/Eth-Bank

Smoothie Barn

REACT · EXPRESS · MONGODB · JWT

A MERN-stack store where authenticated users build their own smoothies, with JWT-based auth.

github.com/Lakshit-Chiranjiv/Smoothie-Barn