

# MANYU LAKHOTIA

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Software Developer with 8+ years of work experience in developing web applications, stand alone applications, cid, and databases; along with personal experience in art/design, scripting, web scraping, gamedev, data analytics, and data cleaning.

## TECHNICAL SKILLS

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**Frontend** react, redux, jquery, css, sass, html, material ui, bootstrap, krita, inkscape, winforms, cypress.io

**Backend/Testing/Headless** django, express, nodejs, asp.net mvc, google app suite, jest, pandas, webscraper.io, tampermonkey

**Languages** javascript, python, typescript, bash, sql, mongodb, php, redis, java, C#, F#, powershell, rbql, vimscript

**DevOps** docker, aws, kubernetes, gitlab ci, github actions, ansible, Octopus Deploy, Teamcity, vmware

## EXPERIENCE

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**Software Engineer - Full time - Remote - Team size: 4-8**

Feb 2024 - Present

Optimal Dynamics (Logistics)

New York, NY

- Mapping: consume data from many customers in many formats to a unified format for processing
- Discovery: Undertook greenfield development and research to scout new projects
- Utilized: react, redux, postgresql, django, celery, rabbitmq, docker, redis, spring boot, bash, microservices, aws

**Software Engineer - Full time - Remote - Team size: 4-8**

May 2022 - Jan 2024

Conservis (Agriculture)

Minneapolis, MN

- Security: Improved authentication by moving from homebrewed auth solution to keycloak
- Design: Use krita and inkscape to design frontend mockups and create svg icons
- Utilized: react, redux, postgresql, django, celery, rabbitmq, docker, redis, spring boot, bash, microservices, aws

**Software Developer - Full time - Mostly Remote - Team size: 4-10**

Mar 2020 - Apr 2022

Acadian Ambulance (Medical)

Lafayette, LA

- Leadership: Led development of an ambulance scheduling system
- Testing: Introduced automated UI and API testing using Cypress.io
- Utilized: F#, C#, react, redux, wsl, mssql, docker, just, bash, microservices, aws, Octopus Deploy, Teamcity

**Software Developer - Part time - Remote - Team size: 3-5**

Jun 2021 - Apr 2022

Cythereal (Cyber security)

Lafayette, LA

- Visualization: Created dashboard to investigate potential malware samples
- Utilized: django, react, redux, docker, mongodb, redis, rpm, bash, azure, ansible, terraform, packer, just

**Software Developer - Full time - Hybrid - Team size: 10-15**

Jan 2019 - Feb 2020

CGI (Medical)

Lafayette, LA

- Modernization: Migrated legacy health insurance portal to more modern solutions
- Utilized: django, react, redux, docker, redis, mongodb, bash, openshift, vscode

**Software Developer - Part time - Hybrid - Team size: 4-6**

Dec 2016 - Apr 2018

Wetlands Research Center (Aquaculture)

Lafayette, LA

- Processing: Developed a stand alone java swing app for analyzing geospatial water levels from large NetCDF files

## OPEN SOURCE PROJECTS

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**F# projects with contributions** FSharpPlus, Acadian.FSharp, Acadian.Dapper.Fs, Acadian.Json.Fs (Available on nuget)

**keycloak** A oauth2 library with user federations, management and more (Available on maven) (java)

**nvim-dev-container** A nvim plugin for containers.dev support (Available on github) (lua)

## EDUCATION

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**Bachelors in Economics with Computer Science and Mathematics**, University of Louisiana at Lafayette 2016 - 2018

**Associates in General Studies Business**, South Louisiana Community College 2013 - 2015