MANYU LAKHOTIA

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

TECHNICAL SKILLS

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

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

Software Developer - Full time - Mostly Remote - Team size: 4-10 Mar 2020 - Apr 2022 and Aug 2024 - Present
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 Engineer - Full time - Remote - Team size: 4-8   Feb 2024 - Aug 2024
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 - 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

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

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