

ANOOJ LAL

SOFTWARE ENGINEER

SUMMARY

My name is Anooj and I like to solve real problems with meaningful code. My professional background is mostly in backend API development but I welcome any task that will grow my skillset. I'm motivated by curiosity and a passion for learning. When I don't know something I'm really good at Googling the right thing. My dream job is one that pays me but more importantly one in which I can pay it forward.

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@anoojlal

EDUCATION

The University of Illinois at Urbana-Champaign

2017-2020

B.S. Computer Science + Linguistics

- Coursework: Discrete Structures, Data Structures, System Programming, Algorithms & Models of Computation, Computational Morphology, Compilers, Interactive Computer Graphics
- Course Assistant for CS 125—Introduction to Computer Science

EXPERIENCE

E*TRADE

Java Software Engineer

Jan '22 - Now

- Maintaining a Spring Boot REST API service that provides reference data on publicly traded companies to users across all E*TRADE platforms
- Utilizing around-the-clock Spring Batch jobs to read, process, and write massive amounts of data from vendors to Oracle database tables

State Farm

Software Engineer

Jan '21 - Dec '21

- Developed Spring Boot API microservices for querying customer insurance data
- Tested Java code with JUnit, API endpoints with Karate (BDD testing framework), and configured CI/CD pipelines with GitLab Runner

Enterprise Technology Intern

Jan '19 - Dec '20

- Recreated the popular ad "Attacking Buffaloes" in VR with Unity and 3D modeling with Blender
- Wrote Python scripts to redact PII/SPI from call transcriptions for use in sentiment analysis
- Built an Amazon Alexa Skill to provide customers with their car insurance discounts

Hack4Impact

Software Developer

Jan '18 - Dec '20

- A student-led organization that builds robust software for nonprofit orgs for social good
- Mentored new members in React frontend development and version control in Github

PROJECTS

HFCYTHW

Personal Side-Project

- A React app built to answer the question "How fast can you type Hello World?"
- Has a terminal-like UI, CSS animation and stat tracking for typing speed, accuracy, and time elapsed

YMCA Oasis

Hack4Impact x YMCA

- A centralized virtual resource hub that equalizes and promotes information access to immigrants in Champaign County
- Developed desktop and mobile responsive components with React

Illini SafeMaps

Hack4Impact x C2TC

- A mobile app providing students with location based notifications on crime, health, transportation, financial safety and more
- Implemented backend schemas and endpoints with Flask and MongoDB

SKILLS

Java (Spring Boot, Batch), SQL (Oracle), JavaScript (React), Python, C# (Unity), CI/CD (Jenkins)