

ABHISHEK GOVINDARASU

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EXPERIENCE

Software Developer - AI Trainer

DataAnnotation

Remote

April 2024 – Present

- Design and develop prompts for code models specifically targetting HTML/CSS/JS, Python, Java, and Go outputs
- Validate outputs of multiple code focused LLM models for accuracy and security across code samples over various languages

ServiceNow Developer

University of California, San Diego

La Jolla, CA

December 2022 – Present

- Lead major refactor and migration of Talkdesk system integration, 500,000+ phone logs with no production interruptions
- Introduce Docusign API and Docusign Connect integration with the UC San Diego IT support page
- Contribute to over 15% of weekly releases of the ITS-SNOW team while remaining a full-time student
- Experience with Customer Service Management, HR Service Delivery, Employee Center development

Service Desk Technician

University of California, San Diego

La Jolla, CA

August 2022 – December 2022

- Provide timely and effective technical support to end-users by troubleshooting hardware, software, and network issues
- Collaborate with internal and external specialized technical departments to efficiently resolve issues

ACTIVITIES

Capture The Flag

June 2022 – Present

- CTF Captain and Player for L3ak since July 2023, currently ranked **top 15 globally** on CTFTIME
- Build infrastructure and load-balancing for L3akCTF ensuring no downtime during the event
- Develop CI/CD pipeline for automatic Docker build releases using Github Container Registry for 25+ services
- **4x** First Place CTF Winner including the onsite DEFCON32 HackTheBox CTF

Security Research

- Discover and report **CVE-2023-41039**, a sandbox escape vulnerability in the ZopeFoundation's RestrictedPython library

PROJECTS

Academic Projects | C, C++, Python, Java

August 2022 - Present

- Develop file compression program in C++ utilizing Huffman Coding Algorithm
- Implement Data link layer utilizing Sliding Window and selective retransmission in C
- Train BERT Transformer for intent classification on Amazon MASSIVE dataset using PyTorch

Secret (**secret.ahh.bet**) | React, Hono, Drizzle ORM, Workers, D1

August 2024

- Develop a web application for generating one-time links to sensitive text preventing exposure in past logs
- Utilize Hono and Cloudflare Edge workers for backend for speed and scalability
- Implement Cloudflare D1 serverless database with Drizzle ORM for storage and API operations

Touchdown (**touchdown.life**) | HTML, CSS, Javascript

July 2022 – August 2022

- Develop the touchdown.life website (web game), achieve 1000+ daily active users
- Implement graph data structure and traversal algorithm in Javascript to model and generate daily games

EDUCATION

University of California, San Diego

Bachelors of Science in Computer Science, 3.81 /4.0 GPA

La Jolla, CA

August 2021 – May 2025

- **Coursework:** Data Structures, Algorithm Design and Analysis, Operating Systems, Computer Security, Software Engineering, Machine Learning, Computer Vision, Database Systems and SQL, Cryptography
- **Organizations:** Association for Computing Machinery, ACM Cyber, SDCTF 2024 Challenge Author

SKILLS

- **Languages:** HTML/CSS/Javascript, Typescript, Python, Java, PHP, SQL
- **Frameworks/Libraries:** NextJS, React, Drizzle ORM, Angular.js, Sqlite, Redis, JDBC, Pandas, OpenCV, Matplotlib
- **Tools:** Docker, Git, Github, Kubernetes, Cloudflare Workers, Puppeteer