Abhishek Govindarasu

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Experience

ServiceNow Developer La Jolla, CA
University of California, San Diego *December 2022 – Present*
- Lead major refactor and migration of Talkdesk system integration, **500,000+** phone logs with no production interruptions
- Intoduce **Docusign REST API** and **Docusign Connect** integration with the UC San Diego IT support page
- Contribute to over **15%** of weekly releases of the ITS-SNOW (ServiceNow) team while remaining a full-time student
- Experience with Customer Service Management, HR Service Delivery, Employee Center development

Software Developer - AI Trainer Remote
DataAnnotation *April 2023 – December 2023*
- 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

Service Desk Technician La Jolla, CA
University of California, San Diego *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
- Develop **CI/CD pipeline** for automatic Docker build releases using Github Container Registry for 25+ services
- Build and load-balance infrastructure for L3akCTF ensuring no downtime during the high-traffic event
- **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

Secret (secret.ahh.bet) | *React, Hono, Drizzle ORM, Cloudflare Workers, Cloudflare D1* August 2024
- Develop a web application for securely generating one-time links to sensitive text preventing exposure in message 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

What Notepad (what.ahh.bet) | *React, NextJS, Neon Postgres, Tailwind CSS, OAuth* April 2024
- Build a minimal and modern markdown notepad with local-first note storage for easy note taking online
- Implement **GitHub OAuth** login for persistent note access across devices, automatically synced while working
- Utilize **Drizzle ORM** with **PostgreSQL** to manage database migrations and transations for logged in users

Touchdown (touchdown.life) | *HTML, CSS, Javascript* 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 La Jolla, CA
Bachelors of Science in Computer Science, 3.81 /4.0 GPA *August 2021 – March 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**: Python, JavaScript, TypeScript, HTML/CSS, Java, PHP, SQL, Go
- **Frameworks/Libraries**: React, NextJS, Express, Hono, Drizzle ORM, PostgreSQL, SQLite, Angular.js, JDBC, GraphQL
- **Tools**: Linux, Docker, Git, Github, Cloudflare, GCP, Redis, Neon, Kubernetes, Puppeteer, ServiceNow