

# ANNSH AGRAWAAL

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## EDUCATION

### University of Illinois at Chicago

Bachelor of Science in Computer Science

2018 – 2022

Chicago, IL

## EXPERIENCE

### Incedo, Inc - LPL Financial

March 2024 – February 2025

Software Developer

Hybrid, Dallas, TX

- Designed and implemented a robust CRUD API backend using .NET Core, ensuring 99.9% API uptime through integration with AWS services and DynamoDB, within a 6-month deadline.
- Developed and documented API endpoints using Swagger for clear and testable RESTful services, ensuring 100% functional coverage and reduced defect rate by 15%, validated through Postman testing.
- Led the creation of SDLC documentation (SAS, SYDD) that ensured complete traceability of requirements and reduced project delivery time by 10%, enhancing collaboration between cross-functional teams.
- Conducted security checks and vulnerability assessments using Synopsys scan tools, identifying and mitigating 100% of critical vulnerabilities, leading to a 30% reduction in security incidents and ensuring compliance with industry security standards.

### Incedo, Inc - Verizon

2023 – 2024

Software Developer

Hybrid, Dallas, TX

- Implemented 3+ Spring boot RESTful web services used by developers organization wide.
- Resolved production, UAT and QA defects with Splunk logs and helped with Black Duck and Sonar code coverage, reducing downtime and improving the overall efficiency of the organization.

### Varis, The Office Depot Corporation

2022 – 2023

Software Development Engineer I

Remote, Chicago, IL

- Managed 20+ React UI components (Card, Modal, Progress Indicator) for use by developers organization wide.
- Conducted stand up weekly, using Jira to ensure efficiency of the solutions, Figma design, and balance best practices, security, and operational excellence.

## PROJECTS

### TODO List App | Java, Spring boot, Spring Security, React, Bootstrap

2022 – 2022

- Developed a full stack TODO App using Spring boot, Hibernate, Spring Security, React and deployed the application to AWS and Netlify.
- Implemented authentication which using Basic Authentication and JWT Token which allows users to register and log in securely.
- Designed comprehensive JUnit test suites with Mockito which helped deliver high-quality application with minimal defects.

### Music Center | HTML, CSS, JavaScript, Shazam RESTful API

2021 – 2022

- Led a group of three members to create a full-stack web application that displaying the top 5 results based on the query entered by the user, which included the name of the song, artists' most played songs, and the number of times the song was searched and played worldwide.
- Utilized CRUD operations to create, read, update and delete user's account in the application and meeting authentication and authorization requirements using passport.js.
- Mitigated Brute Force Attacks by enforcing and implementing password security measures (password length, restricted passwords, password character inclusion, Database Hashed passwords, etc.).

## TECHNICAL SKILLS

**Certifications:** EC - Council Certified Ethical Hacker (CEH v9), AWS Certified Cloud Practitioner, Microsoft Azure: Cloud Fundamentals, AWS Certified Developer - Associate (In Progress)

**Languages:** Java, dotnet, C++, HTML/CSS, JavaScript, SQL

**Technologies:** AWS, Microsoft Azure, Node.js, MySQL, Git, GitHub, Linux, Android Studio, Agile

## LEADERSHIP AND PROFESSIONAL ASSOCIATION

### Silver Surfer Initiative, Co-Founder, The Shri Ram School

2017 – Present

- \* Led team of 12+ members to work towards goals that improve and promote technological community service, academics, and unity.