

# AKSHI

Noida, India

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## Work Experience

### Contata Solutions Pvt. Ltd.

Noida, India

#### Software Trainee

Dec 2024 – Present

- **Contributed** to the backend development of a Recruiter Management System using Spring Boot, enabling HR personnel to efficiently manage the interview process.
- **Developed** features that allow HR to add job descriptions, add interviewees, select interviewers based on availability, and facilitate feedback sharing.
- **Optimized** data processing and management with **Spring Data JPA**, improving query performance by 30% and enabling faster, more reliable data retrieval.
- **Utilized Tortoise SVN** for version control, ensuring smooth code management, bug fixes, and efficient collaboration throughout the development cycle.

### Contata Solutions Pvt. Ltd.

Noida, India

#### Software Engineer Intern

Feb 2024 – Dec 2024

- **Engineered** a secure authentication system using **Spring Security**, **JWT**, **LDAP**, and **CAPTCHA** verification, enhancing user trust and security for 200+ internal users.
- **Developed** key features for an internal security portal, including **user access control**, compliance dashboards, and evidence management, to enhance information security processes.
- **Utilized Hibernate ORM** to map Java objects to relational databases, streamlining data interactions and improving backend efficiency.

## Skills

- **Programming Languages:** Java, C, SQL
- **Technical Skills:** Data Structures, Algorithms, Object-Oriented Programming, DBMS, Computer Networks
- **Frameworks and Tools:** Spring Boot, JPA/Hibernate, MySQL, Git, Jira, IntelliJ IDEA, Postman
- **Software Methodologies:** SDLC, Agile Methodology
- **Soft Skills:** Teamwork, Effective Communication, Active Listening, Time Management

## Education

### ABES Engineering College, Dr. A. P. J. Abdul Kalam Technical University, India

Nov 2020 – July 2024

- Bachelor of Technology in Computer Science and Engineering | CGPA: 8.19

## Projects

### Online Quiz Platform | Spring Boot, Hibernate, Eclipse

- **Developed** a quiz platform with features like subject selection, result tracking, and a student dashboard, enhancing the user experience and providing real-time performance insights.
- **Engineered** a secure and user-friendly registration and login system using **Spring Security**, enabling seamless student authentication and personalized access.
- **Implemented role-based access control**, ensuring that admins can view results of all students while limiting normal users to their individual results, improving data security and system integrity.

### Fruit and Vegetable Classification and Freshness Detection | Python, VGG16, Jupyter Notebook

- **Developed** an image classification model using the VGG16 algorithm to distinguish between fruits and vegetables and determine their freshness (fresh or rotten).
- The application allows users to upload or click pictures, providing valuable insights for both stakeholders and the general public.

## Achievements

- **Solved 500+ problems** on platforms like LeetCode, demonstrating strong problem-solving and coding skills.
- **Achieved a 5-star rating** in problem-solving on HackerRank, showcasing advanced proficiency in algorithmic thinking and coding.
- **Selected as a Mentee for Microsoft Engage 2022**, receiving mentorship in advanced software development from Microsoft professionals.
- **Co-authored and presented a research paper** on "Fruit and Vegetable Classification and Freshness Detection using Machine Learning" at the IEEE Conference.