

# Diksha

Full Stack Web Developer

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## SUMMARY

Motivated and dedicated final-semester Computer science student with a strong passion for software development and cybersecurity. Proficient in React.js and Tailwind CSS for frontend development, with expertise in Spring Boot and REST APIs for backend systems. Experienced in MySQL for efficient database management and well-versed in solving complex Data Structures and Algorithms (DSA) problems. Enthusiastic about building scalable applications, securing digital systems, and continuously expanding my technical expertise. Seeking an opportunity at BARC Mumbai to apply my skills while gaining hands-on experience in cutting-edge technologies and cybersecurity practices.

## EXPERIENCE

### Industrial Training(Certificate)

July 2023 – August 2023

Advance Java, Springboot

Jalandhar

- Successfully completed training in Advanced Java, including JSP, Servlets, SpringBoot Framework.
- Worked on live projects, such as developing a user management system and an online inventory portal, integrating MySQL for backend functionality and optimizing database queries for efficient data retrieval.
- Achieved a grade of A (81%)

## PROJECTS

### RentSmart: House Renting System

Feb. 2024 – March 2024

React, Spring Boot, MySQL

- \* Developed a dynamic property search system, optimizing search performance by 40% and improving user satisfaction.
- \* Integrated a secure booking system, enabling over 500 monthly transactions with JWT authentication.
- \* Created an admin dashboard, reducing admin workload by 50% and enhancing data management accuracy by 20%.

### Ecommerce Website

May 2023 - June 2023

React.js, JavaScript, MySql

- \* Built an optimized shopping cart and checkout experience, improving user engagement and conversion rate.
- \* Enhanced search functionality, enabling quick product discovery from a catalog of over 1,000 items.

## SKILLS

**Languages/Frameworks:** Java, JavaScript, React, Spring Boot, MySQL

**Technologies:** HTML, Tailwind CSS, API Testing

**Area of Interest:** Software Development, Cyber Security, AI/ML

**Soft Skills:** Detail-Oriented, Critical Thinking, Collaboration, Time Management

## EDUCATION

### I.k. Gujral Punjab Technical University

Jalandhar, Punjab

Bachelor of Technology, Computer Science (**CGPA: 8.6**)

2021 - Present

### Lal Bahadur Shastri Sr. Sec. School

Hisar, Haryana

Senior Secondary Education (**Percentage: 87%**)

2019 - 2020

### Swami Sarvanand Memorial High School

Hisar, Haryana

Secondary Education (**Percentage: 92%**)

2017 - 2018

## ACHIEVEMENTS

Secured a Top 5 position in a prestigious hackathon at SVIET, Rajpura.

Vice President of University Technical Club, organized various events and hackathons.

Solved 350+ Data Structure and Algorithm problems on LeetCode and HackerRank.

Microsoft Learn Student Ambassador, empowered students through workshops and training.

# Mohit Kumar Sharma

SOFTWARE DEVELOPER

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LEETCODE.COM/MASTER27

## EXPERIENCE

### Prutor@IITK (SATH-E Initiative)

March, 2024 - June, 2024

Software Developer Intern

Noida

- Developed a mock test module using Java and Spring Boot, which improved user engagement by 25%. Designed and Enforced RESTful APIs, enhancing overall application performance.
- Integrated RESTful APIs with the frontend to enable real-time data flow and improve overall application efficiency.
- Contributed to defect triage, test case preparation, and database optimization, ensuring a 30% improvement in efficiency.
- Collaborated with cross-functional teams in an Agile environment, contributing to sprint planning, retrospectives, and defect management.

## PROJECTS

### SkillTune: Personalized assessments and mock interviews

August, 2024 - September, 2024

- Developed SkillTune using React and Spring Boot, creating a smooth and interactive user interface for personalized assessments and mock interviews.
- Implemented generative AI for dynamically generating real-time questions based on users' resumes, experiences, and projects, providing them AI-generated feedback.
- Deployed the application on AWS Elastic Beanstalk and Conducted database performance testing

### Sameep: Student information platform.

October, 2023 - November, 2023

- Built a comprehensive student information system using React and Spring Boot, which reduced syllabus search time by 40% through efficient data indexing.
- Constructed a real-time notification system with WebSockets, optimizing communication and user engagement.
- Utilized JWT for secure communication and enhanced database performance with advanced indexing techniques,

### ShopEase: E-commerce website.

June, 2023 - July, 2023

- Developed an interactive e-commerce platform with React and JavaScript, enhancing user navigation.
- Integrated Firebase Authentication for user security and implemented real-time database functionalities.
- Prepared test cases for key features, ensuring 95% defect-free deployment.

## EDUCATION

### Bachelor of Technology, Department of Computer Science

Expected Graduation: May 2025

I.K. Gujral Punjab Technical University, Jalandhar (CGPA: 8.34)

## SKILLS

**Programming Languages:** Java, C++, JavaScript;

**Frameworks & Tools:** Spring Boot, React, Redux, Selenium, HTML5, CSS3, Git, GitHub;

**Databases:** MySQL, MongoDB, Firestore;

**Testing Concepts:** STLC, Defect Triage, Test Case Preparation;

**Cloud Services:** AWS, Firebase;

## ACHIEVEMENTS

Awarded 2nd place at NIT Jalandhar Hackathon for developing SkillTune, a project that showcased technical skills and ability to design and implement innovative solutions.

Solved over 400 problems on LeetCode and GeeksforGeeks, showcasing proficiency in algorithms and data structures.

Participated in the Smart India Hackathon, a national-level hackathon, where I collaborated with a team to develop innovative solutions to pressing national challenges, demonstrating my skills in SpringBoot & React.js.

## CERTIFICATIONS

Database Management Systems Certification: Infosys SpringBoard.

API Testing Certification (Great Learning): Demonstrates knowledge in automated API testing and test case development.

Introduction to Agile and Scrum: Demonstrates knowledge of Agile principles and Scrum practices.