

Mohit Kumar Sharma

SOFTWARE DEVELOPER

7973346010 | MOHITKANDWALKAKU@GMAIL.COM |

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.