

# Diksha

Full Stack Web Developer

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## EXPERIENCE

### Codemap

August 2024 – October 2024

Software Developer Intern

Gurugram

- Developed a dedicated platform called Smart Asset Loader using Node.js and AWS S3 to optimize file loading, leveraging AWS pre-signed URLs to enable direct uploads from the frontend, significantly reducing backend load and improving system efficiency.
- Designed and implemented the payments module using Node.js, integrating Cashfree APIs to facilitate API-based transactions while incorporating a verification mechanism to detect potential failures before processing actual payments, ensuring a seamless and reliable payment experience for clients.

## PROJECTS

### RentSmart: House Renting System

Feb. 2024 – March 2024

React, Spring Boot, MySQL, JWT, AWS

- Engineered a property search and filtering system using React and Spring Boot, boosting search efficiency by 40% and reducing average search time by 30%.
- Built a dynamic admin dashboard with React and MySQL for property and booking management, streamlining administrative tasks by 50% and enhancing data accuracy by 20%.
- Deployed the platform on AWS Elastic Beanstalk, ensuring high availability, automatic scaling, and optimized backend performance for seamless user experience.

### Hospital Management System

Oct 2023 – Nov 2023

MySQL, React, Spring Boot

- Developed a full-stack healthcare system using React, Spring Boot, and MySQL, featuring appointment scheduling, user/admin authentication, and secure medical record management.
- Implemented role-based access control with Spring Security, ensuring data privacy and reducing administrative errors by 30%, while optimizing database queries in MySQL for faster record retrieval.

### Ecommerce Website

May 2023 - June 2023

React.js, Node.js, MongoDB

- Designed and implemented a seamless shopping cart experience, streamlining product selection and checkout processes for enhanced user experience.
- Developed and integrated search and filtering functionality, enabling users to quickly discover products from a catalog of 1000+ items.
- Ensured responsive design and optimized website performance, guaranteeing a smooth user experience across various devices and screen sizes.

## SKILLS

**Languages/Frameworks:** Java, JavaScript, C++, React, Node.js, Spring Boot

**Technologies:** HTML, Tailwind CSS, MongoDB, MySQL, Git, AWS

**Tools:** VsCode, IntelliJ, Github, MySql Workbench, Postman

## EDUCATION

### I.K. Gujral Punjab Technical University

Jalandhar, Punjab

Bachelor of technology, Department of Computer Science(**CGPA: 8.6**)

2021 - Present

## ACHIEVMENTS

Secured a Top 5 position among 50+ teams in the prestigious hackathon at SVIET, Rajpura.

Spearheaded the University Technical Club as Vice President, organising various events and hackathons.

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

Served as a Microsoft Learn Student Ambassador, empowering students across India through workshops and training sessions.

## CERTIFICATIONS

Java Foundation Certification: Infosys SpringBoard.

Database Management Systems Certification: Infosys SpringBoard.