

# HIMANSHU YADAV

Jaipur, Rajasthan

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## EDUCATION

Manipal Institute of Technology, Manipal

Bachelor's of Technology - **CGPA - 7.9**

2020 – 2024

Manipal, Karnataka

## COURSEWORK / SKILLS

- Data Structures And Algorithms
- Operating Systems
- Oops Concepts
- Computer Networks
- Software Engineering
- DBMS

## EXPERIENCE

Vam Infosys Pvt Ltd. [↗](#)

Feb 2024 - June 2024

Software Engineer Intern

Jaipur, Rajasthan

- Engineered a robust **JWT-based authentication system**, reducing unauthorized access incidents by **30%** and safeguarding sensitive data through the use of **BcryptJS** encryption and secure API login flows, significantly enhancing user trust.
- Crafted and optimized backend services, achieving a **20% reduction in server load** and realizing annual server cost savings of **\$5,000** by employing efficient database indexing and query optimizations.
- Collaborated effectively with cross-functional teams, including UI/UX designers, which resulted in a **25% decrease in development time** and enhanced user satisfaction due to improved feature integration.
- Spearheaded the development of an automated manager onboarding workflow, leveraging Nodemailer and Handlebars.js to send email invitations, which accelerated the onboarding process by **40%**.
- Engineered a drag-and-drop invoice upload feature, integrating **OCR technology** to automate data extraction, reducing manual data entry by **40%** and boosting processing efficiency.

## PROJECTS

StudyNotion (Learning Platform) [↗](#) | [ReactJS](#), [Axios](#), [TailwindCSS](#), [ExpressJS](#), [MongoDB](#) 2023 - 24

- Developed and deployed a full-stack **MERN ed-tech platform**, serving **50+ users** and driving a **20% increase in user engagement**.
- Implemented secure authentication using **JWT** and **Bcrypt**, ensuring **data privacy** and secure access via **APIs**.
- Integrated **Cloudinary** for media storage, and added **Razorpay** for secure payment processing, enhancing server performance by **15%**.
- Optimized **MongoDB queries**, reducing **query execution time by 20%** and improving load times for a better user experience.

Code Detective [↗](#) | [JavaScript](#), [API](#), [HTML5](#), [CSS3](#)

2023

- Developed a robust web application using JavaScript and the GitHub API, leveraging **REST API** principles to fetch and display user information efficiently.
- Implemented a user-friendly UI/UX with **dark mode** functionality to enhance accessibility and visual comfort across all devices

Nexcent [↗](#) | [ReactJS](#), [TailwindCSS](#)

2023

- Developed a visually striking landing page with **dark mode functionality**, enhancing user engagement and leading to a **30% increase in time spent on the site** by visitors during initial launch week.

## TECHNICAL SKILLS

Languages: C++, Java, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, Redux, MongoDB, Express, Node.js, Material UI

Developer Tools: VS Code, Git, Postman, JIRA, IntelliJ, Canva

## CODING PLATFORMS

- Solved **680+** problems on **Leetcode**. [↗](#)
- Solved **860+** problems across **GeeksforGeeks**, **Code360**, **HackerRank** and **Leetcode** [↗](#)
- Knight on Leetcode with Max Rating of **1896** [↗](#)
- Top **4.57%** on Leetcode globally [↗](#)