

# Varun Kumar Yepuri

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## Education

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### MS, Information Systems

Northeastern University, Boston, MA

Expected May 2024

- Coursework: Web design and User Experience, Data Design and Management, User Experience Design/Testing.

### B Tech

Manipal University Jaipur, Jaipur Indai

April 2022

- Coursework: Data Communications, Design and Analysis for Algorithms, Mobile Computing, Human Computer Interaction, Computer Networks.

## Work Experience

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### Intern

May 2021 - August 2021

Accendere Info Technologies Pvt. Ltd, Hyderabad, India

- Planned using Python and HTML/Javascript and basis.NET based routines on the Server Side.
- Evaluated existing practices, notifying management of potential areas for improvement or bottlenecks.
- Instructed the end client on how to pool and send data to the lot Central Server and Integration with the database.

## Skills

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**Programming Languages:** C, Java, Python, SQL, HTML, JavaScript, CSS.

**Libraries/Frameworks:** NodeJs, React, Express Js, Regex, Numpy.

**Tools/Database:** Netbeans, VS Code, Atom, Git, MongoDB, SQL, Power Bi, Axure, Figma, Mogups.

## Projects

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### Oak Rentals

October 2022 - December 2022

- Developed a website using MERN Stack technology, designed dual Login pages for User and Admin, and streamlined the data review process by 30% through efficient Admin site functionality.
- Managed to store JWT in Local Storage, so only logged-in users can purchase the required furniture. Identified the market trend, furniture only receives 10% of the original value.
- Implemented advanced security measures, including multi-layer password encryption and to ensure confidential data protection and secure access to critical systems.

### Clothes Donation System

September 2022 - December 2022

- Finished the project by studying Java, Java Swing and Db4o to store all the data.
- Facilitated meeting project deadlines by collaborating with team members and resolving technical issues to maintain project momentum.
- Conducted thorough testing and debugging to guarantee optimal performance of the application, including fixing bugs, resolving compatibility issues, and optimizing system efficiency.

### Car Pooling

January 2023 - April 2023

- Designed and performed a robust database schema to store user information, trip details, and scheduling preferences.
- Executed SQL to run sophisticated queries and provide reports included useful information about user preferences and trip data.
- Generated comprehensive reports using SQL queries, providing valuable insights on popular routes, peak travel times, and user satisfaction.

## Additional Information

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**Extracurricular Activities:** Was a part of the Event management in Onerios Fest, helping organizers to control the crowd by maintaining the system, which led to 15% increase in the footfall.