

# SAGAR VASHNAV

## Software Developer

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## EXPERIENCE

### Software Developer Intern

#### MHTECHIN

📅 01/2024 - Present 📍 Pune

- Contributed to custom software development, delivering tailored applications, **websites, and mobile apps** aligned with precise client specifications.
- Orchestrated seamless **cloud migration** using MHTECHIN Cloud Manager, optimizing resource deployment and streamlining management processes.
- Implemented robust data security solutions **encompassing encryption, loss prevention, and intrusion detection** for safeguarding sensitive information.

### Full Stack Developer Intern

#### K.R. Mangalam University

📅 10/2022 - 03/2023 📍 Gurugram

- Designed and developed a robust **web application** for the college canteen utilizing the **MERN Stack** (MongoDB, Express.js, React, and Node.js).
- Ensured seamless compatibility across **different browsers and devices**, effectively handling a high traffic volume of over 4k+ students.
- Utilized version control systems (Git) for collaborative development, maintaining a clean and organized codebase with **100% code repository accuracy rate**.

### AWS Cloud Developer Intern

#### AICTE NEAT

📅 07/2022 - 09/2022 📍 Remote

- Designed and implemented scalable cloud architectures on AWS, managing **50+ EC2 instances, 20+ TB of data on S3**, and optimizing **5 RDS databases**. Automated 15 processes with **Lambda functions**.
- Utilized IAM to enforce strict access controls, reducing unauthorized access **incidents by 95% and ensuring 100% compliance**.

## ACHIEVEMENTS



### Mentor, Organizer In 2022 (HACK KRMU 2.0)

**HACK KRMU 2.0**, the second iteration of the HACK KRMU hackathon series that will equip students with real **technical and collaboration skills**.

As an **organizer**, I was asked to form a set of tasks for the pre-university student. As a **mentor** analyze the total work and assign marks/points to the students finally.

## EDUCATION

### B.Tech in Computer Science & Engineering

#### K.R. Mangalam University

📅 09/2020 - 07/2024

## SKILLS

AWS	Docker	Express.js	Git
HTML/CSS	Java	JavaScript	
Linux	MongoDB	Next.js	
Node.js	Python	React.js	
Data Structure & Algo.	MS SQL		

## PROJECTS

### Wink Eat

🌐 <https://winkeat.com/>

#### Multi Vendor Food Management System

- Developed a full-stack food ordering web application using **MERN Stack (MongoDB, Express.js, React.js, Node.js)**.
- Implemented 10+ features such as **user registration and authentication**, restaurant listing, menu display, cart functionality, order placement and order tracking.
- Utilized context for efficient **data management** and **Axios** for handling 20+ HTTP requests.

### Chat App

🌐 <https://chat-app-jxt7.onrender.com/>

#### Real Time Chat Application

- Implemented **Socket.io** to enhance real-time communication efficiency, resulting in a notable **30% reduction** in message delays.
- Spearheaded a **40% improvement** in user search speed through the application of advanced algorithms, enhancing overall **search functionality and user experience**.
- Successfully elevated group interactions by **25% by introducing a user-friendly creation feature**, fostering increased engagement and collaboration within the platform.

## ORGANIZATIONS

### Linux Kernel Mentee

#### The Linux Foundation

📅 09/2023 - 11/2023

### Tech Lead

#### CSI, K.R. Mangalam University

📅 01/2022 - 12/2022