SAGAR VASHNAV

Software Developer

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EXPERIENCE

Java Developer Intern
Starhealth Insurance
📅 03/2024 - Present 📍 Gurugram
- Redeveloped and integrated Java-based **authentication solutions**, enhancing security and user experience across multiple platforms, resulting in a **20% increment** in user adoption rate.
- Streamlined **subscription renewal processes** by developing and maintaining backend services, leading to a **15% improvement in customer retention rates**.
- Optimized data handling and security protocols in **healthcare-related services**, ensuring the secure and efficient management of sensitive patient records and achieving a **25% boost in data processing** performance.

Software Developer Intern
MHTECHIN
📅 01/2024 - 03/2024 📍 Pune
- Contributed to custom software development, delivering tailored applications, **websites, and mobile apps** aligned with precise client specifications.
- 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 modernised a robust **web application** for the college canteen utilizing the **MERN Stack** (MongoDB, Express.js, React, and Node.js).
- Guaranteed seamless compatibility across various **browsers and devices**, efficiently managing high traffic volumes of over **4,000 students per day**, ensuring optimal user experience.
- Utilized version control systems (Git) for collaborative development, maintaining a clean an organized codebase with **100% code repository accuracy rate**.

ACHIEVEMENTS

👥 **Mentor, Organizer In 2023 (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 - 06/2024

SKILLS

SpringBoot	System Design	
HLD/LLD	Design Patterns	Java
Express.js	React.js	Node.js
MongoDB	MS SQL	AWS
Data Structure & Algorithms		Docker

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
- Optimized real-time communication by implementing **Socket.io**, achieving a **30% reduction** in message delays, measured over a six-month period.
- 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 - 09/2022