

LOKESH KRIPLANI

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WORK EXPERIENCE:

• Software Engineer-I | Cavisson Systems | JULY 2022 – Present

- Enhanced memory and CPU performance by 50% through feature enhancements and bug resolution in C# profiling applications.
- Conducted comprehensive Application Performance Analysis using Perfmon, Vtune Profiler, and VS Profiler, along with other Windows profilers, to optimise application performance resulting in a 20% reduction in application response time.
- Proficient in **Assembly-level** code, **Multithreading**, **buffering**, **TCP**, **UDP**, and **web sockets** (WSS).
- Applied knowledge of basic encryption techniques and JSON for secure data transmission and storage within applications.
- Optimised multithreading complexities, including mutex locks, in various applications to ensure thread safety and efficient resource utilisation, reducing application downtime by 15%.
- Facilitated effective integration and interoperability across different systems and platforms by leveraging various communication protocols.

• Summer Intern | Snapdeal | JULY 2021 – OCT 2021

- Contributed to testing and implemented features in JAVA Spring Boot applications.

PROJECTS:

• Makeup Artist Website | HTML/CSS/JavaScript Project | MAY 2022 - Present

- Developed a visually appealing and responsive website for a makeup artist using HTML, CSS, and JavaScript increasing user engagement by 40%.
- Integrated interactive elements like image sliders and contact forms using JavaScript resulting in a 30% rise in appointment bookings.
- Implemented a server script with Node.js and Express.js to handle email confirmations for appointment bookings.
- Hosted and maintained the website on various platforms, ensuring optimal performance and reliability.
- Collaborated closely with the client, delivering a website that effectively showcased their services and increased sales by 25%.
- Provided training for the client to manage website content independently.

• Lane Line Detection System | Final Year Project | MAY 2022 - MAY 2022

- Utilised Hough Transformation for road line identification in self-driving vehicle contexts, employing image processing techniques.

• Multiple client chat application | Chat Application | JUN 2022 - JUN 2022

- Engineered a TCP/UDP/web sockets based chat application with automatic reconnection resulting in a 90% connection reliability.

EDUCATION:

- Bachelor of Technology (CS) - Guru Gobind Singh Indraprastha University (AUG 2018 - MAY 2022): **82.4%**

TECHNOLOGIES AND SKILLS:

- Proficient in C#, C, C++, and Java.
- Experienced with MySQL and Java Spring Boot.
- Intermediate knowledge of Data Structures/Algorithms.
- Intermediate level knowledge of Web Development (HTML/CSS/JavaScript/Node).