**Kshitij Lingthep**

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**EDUCATION**

Bachelor of Computer Science and Mathematics (May 2020) - Honor’s Roll  
**The University of Mississippi** | **Overall GPA**: 3.71*,***Major GPA**: 3.8

**COURSEWORK**Database Management System, Object Oriented Programming (Java), Web Programming, Advanced Algorithm, Software Development Life Cycle, Security, Networking, Digital Image Processing, Data Science

**SKILLS**

* HTML, CSS, Tailwind, SCSS, Javascript, Bootstrap, ReactJS, Redux, Context API, VueJS, Vuex, SVG, Jest, Test Utils, Next JS, Chart JS, Echarts, C#
* Java, REST API, Spring Boot, Gradle, NodeJS, Express, .NET, NodeRED, SQL/MySql, Junit testing, Python
* Git, Source Tree, Swagger, Docker, CI/CD, AWS, Linux, Grafana, Nodered, Microservices

**EXPERIENCE**

**Software Engineer | Foxconn Industrial Internet ( 2020 - Present )**

* Hands on experience with designing and developing IOT device solutions for surveillance systems, facility monitoring systems, and smart manufacturing industry solutions.
* Assisted in development and execution of Content Management System(CMS) as per UI specifications and for IOT products and solutions.
* Collaborated closely with UX/UI designers to translate wireframes and mockups into interactive React or Vue components.
* Implemented best practices for performance optimization, including lazy loading, code splitting, and memoization.
* Designed and developed RESTful APIs for Equipment Management Systems using Spring Boot and EV Management Systems using C# and .NET Core utilizing Microservices architecture.
* Implemented best practices for Docker image management, container orchestration, and resource optimization, resulting in streamlined processes and improved system performance.
* Collaborated with team members to identify needs, developed custom packages using JavaScript and Node.js, and published them to the internal npm registry.
* Worked in close cooperation with project managers and other functional team members to form a team effort in development.

**Full Stack Developer | Department of Computer and Information Science | Mathematics (2020 )**

* Designed and developed an Attendance Tracking web application for the Department of Mathematics using latest technologies and frameworks(React, firebase, NodeJs).
* Planned, tracked and managed deliverables on the product as per request of the client.

**Teaching Assistant | CETL & Department of Mathematics (2019 - 2020)**

* Scheduled weekly review sessions for various courses as a Supplemental Instruction Leader. | Basic Web Development Courses(HTML, CSS, JS) | Calculus | Statistics | Differential Equations |

**Leadership & Honors**

* Secretary, Intercultural Communication(InterCom), Automated Computation Machinery(ACM), Robotics Club Member**,** Sally McDonnell Barksdale Honors College**,** International Excellence Award, Provost Scholar