

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, Javascript, Bootstrap, ReactJS, Redux, Context API, VueJS, Vuex, SVG, Jest, C#
- Java, REST API, Spring MVC, Gradle, NodeJS, .NET, NodeRED, SQL/MySQL, Junit testing, Python
- Git, Source Tree, Swagger, Docker, CI/CD, AWS, Linux, Grafana, Nodered

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.
- Worked in close cooperation with project managers and other functional team members to form a team effort in development.
- 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 Framework and EV Management Systems using C# and .NET Core.
- 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.

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 |
- Tutored students in higher level Mathematics courses(Statistics, Differential Equations etc).

Leadership & Honors

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