Kshitij Lingthep

662-638-9569 | Milwaukee, WI

kshitij.lingthep@gmail.com | kshitijlingthep.com | linkedin.com/in/kshitij-lingthep/

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SUMMARY

Results-oriented Software Engineer with 3+ years of professional experience in designing and developing IOT device solutions, surveillance systems, facility monitoring systems, and smart manufacturing industry solutions. Skilled in frontend development with expertise in React, Vue and backend development with expertise in Node, .NET, and Java.

EDUCATION

B.S.C.S. | **The University of Mississippi** |**Oxford, MS** | **Overall GPA**: 3.71*,* **Major GPA**: 3.8 | May 2020 | Honor's Roll

EXPERIENCE

Software Engineer | Foxconn Industrial Internet | July 2020 - Present, Mount Pleasant, WI
- Collaborated with UX/UI designers to translate wireframes into interactive reusable React/Vue components.
- Designed and developed RESTful APIs for Equipment Management Systems using Spring Boot and EV Management Systems using C# and .NET Core utilizing micro services architecture, leading to improved scalability and maintainability of applications.
- Utilized OAuth 2.0 protocol to enable secure authentication and authorization for RESTful APIs, ensuring protected resource access.
- Implemented performance optimization techniques such as lazy loading, code splitting, and memorization, leading to improved application loading times and overall responsiveness.
- Enforced best practices for Docker image management, container orchestration, and resource optimization, resulting in streamlined processes and improved system performance.
- Effectively deployed CI/CD pipelines in gitlab, resulting in enhanced automation, reduced manual errors, and increased development efficiency.
- Innovated custom packages using JavaScript and Node.js, and published them to the internal npm registry, enhancing code reusability, customizing components, and a more organized and scalable codebase.
- Conducted unit testing and integration testing using Junit, Mockito, and Jest, ensuring code quality and reliability.
- Implemented internalization/localization for user interaction, expanding accessibility and user engagement.
- Coordinated in an agile manner with cross-functional team sprints, participated in 100% of daily scrums.

Full Stack Developer | Department of Mathematics | Jan 2020 - May 2020
- Designed and developed an Attendance Tracking web application.
- Built using React, firebase and Nodejs, transforming attendance management by replacing manual methods with real-time, user friendly interfaces, ensuring data accuracy and security.

PROJECTS

Windows Portfolio | Jan 2023 - July 2023
- Created a captivating portfolio website based on Windows 11 theme.
- Built using React and tailwind, enforced linting/code standards using ESLint/Prettier, and continuous integration/deployment using GitHub Actions.

Web Scraper| July 2022 - July 2022
- Automated USCIS scraping using Puppeteer, NodeJs to send case update messages, ensuring timely communication and efficient case monitoring.

Fabric Defect Detection | May 2018 – May 2018
- Developed and implemented defect detection in fabrics using digital image processing and data visualization techniques, enhancing quality control and ensuring product excellence.

SKILLS

- **Frontend**: HTML, CSS, Tailwind, SCSS, Javascript, Bootstrap, ReactJS, Redux, Context API, VueJS, Vuex, SVG, Jest, Test Utils, Next JS, Chart JS, Echarts, C#, Element UI, Three js, Angular, Typescript
- **Backend**: Java, REST API, Spring Boot, Gradle, NodeJS, Express, .NET, LINQ, NodeRED, MySql, Mongo, Junit testing, Mockito, Python, Micro services
- **Others**: Git, Source Tree, Swagger, Docker, CI/CD, Terraform, AWS, Entity Core, GitHub Actions, Linux, Grafana
- **Soft Skills**: Problem-Solving, Time Management, Creativity, Leadership, Flexibility, Critical Thinking, Decision Making, Positive Attitude