Monik Priyatham Katla

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WORK EXPERIENCE

HONEYWELL INTERNATIONALS   Bangalore, IN
Mobile Application Developer   Sep 2021 – Dec 2022

- Designed and deployed 20+ reusable screens using **React Native** and **Node.js**, reducing development time by 30% and enhancing code efficiency.
- Utilized key **React hooks**, **Redux Toolkit**, and **React-Router** to streamline workflows.
- Optimized components with **Reducer-based state management** to minimize unnecessary re-renders, boosting application performance.
- Managed data synchronization with the cloud using **RealmJS** for in-app storage, boosted retrieval speed by 25%.
- Achieved a 50% reduction in device setup time through streamlined configuration, enabling efficient remote management and reducing onsite deployment costs by 20%.
- Designed and tested HTTP REST APIs with **Web APIs** and Node.js, achieving a 99% success rate in **POSTMAN** testing for robust functionality.
- Conducted **unit testing** with **Jest**, ensuring robustness and reliability of the developed reusable modules.
- Enhanced middleware efficiency and reduced API call errors by 15% with **Redux-Saga**.

TATA CONSULTANCY SERVICES   Hyderabad, IN
System Engineer   Jul 2021 – Sep 2021

- Built 15+ reusable components using **Agile methodology**, reducing codebase size by 35%, minimizing duplication, and improving maintainability by 40%.
- Reduced development time by 20% through effective **Template utilization**, lowering error occurrences by 25% with comprehensive testing, and increasing system reliability.

APPSTIX TECHNOLOGIES   Hyderabad, IN
Junior Developer   Jul 2019– July 2021

- Developed services for user data storage and retrieval from **SQL Server**, ensuring secure and efficient data handling, and improving access speed by 20%.
- Used **AJAX** for real-time data retrieval from third-party **REST APIs**, reducing loading time by 40% and improving user experience.
- Utilized **Reducers** to manage the store state tree, enhancing state management efficiency by 35%.
- Leveraged JavaScript for client-side validations, incorporating **DOJO** for AJAX support and **JSON** for DOM manipulation, reducing client-side errors by 30%.

EDUCATION

CALIFORNIA STATE UNIVERSITY, LONG BEACH   Long Beach, CA
M.S in Computer Science. **GPA: 4.0/4.0**   Jan 2023 - Dec 2024

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD CEJ   Hyderabad, IN
B.Tech in Computer Science. **GPA: 3.6/4.0**   Aug 2017 - Jun 2021

SKILLS

Languages, Frameworks and Libraries: Python, JAVA, JavaScript, C++, C#; Django, NodeJS, HTML, CSS, Tensorflow, PyTorch, Machine Learning, NumPy, Panda, Keras, ReactJS, React Native, Redux, Jest, RealmJs.
Databases: MySQL, MongoDB.
Tools: AWS, Azure, Git, CI/CD, Docker, Kubernetes, Sonar, Postman, Jira, Confluence, Photoshop, Linux, Unix, Android Studio, ETL/ELT, Agile, Scrum, JIRA, Bit Bucket, Microsoft Office.
Data Analytics & Visualization: Matplotlib, PowerBI

PROJECTS

- **Interned at Oakspro Software Solutions:** where I provided POCs to clients by developing their websites by optimizing the contents **(HTML, images, CSS, JS, videos, PHP, MYSQL)**
- **Blog or content management system: Built** a simple CMS where user can delete, add, and edit the post including the comments. Implemented user authentication for admins and Authors. **(ReactJS, RealmJs, Jest)**.
- **E-commerce website: Implemented** rich, interactive 'E-commerce website' contributing as full stack developer with good software development technique. **(HTML, CSS, Bootstrap, PHP, SQL)**