KATLA MONIK PRIYATHAM

Long Beach, CA 90815 | (562) 254-7502 | katlamonik26@*gmail.com* | www.linkedin.com/in/katla-monik-priyatham

EXPERIENCE

Mobile Application Developer **Honeywell Technology Solutions** **Sep 2021 – Dec 2022**
- Developed and deployed **20+ reusable screens** in React Native, emphasizing modular and maintainable UI components.
- Interfaced with databases, synchronized data with the cloud, and utilized RealmJS for in-app storage.
- Successfully integrated **7 types of smart devices**, including occupancy sensors, fire sensors, HVAC systems, thermostats, smart meters, and Smart Io's.
- Implemented connection with a dedicated gateway for **40%** faster data transfer, ensuring settings persistence through cloud synchronization during login sessions.
- Reduced device setup time by **50%** through streamlined configuration, enabling efficient remote management for sites.
- Automated routine temperature operations based on occupancy sensors, resulting in **15%** energy cost savings. Additionally, proactively detected faults and optimized performance, leading to a **30%** reduction in maintenance costs.
- Involved in debugging sessions with testers and cloud support team.
- Implemented data templates to efficiently incorporate information provided by vendors and manufacturers, simplifying the integration process for registers and device functionalities.

Systems Engineer **Tata consultancy services** **July 2021 – Sep 2021**
- Developed over **15 reusable components** using agile methodology, resulting in a **35% reduction in codebase size** and minimizing code duplication.
- Reduced development time by **20%** through effective template utilization and significantly lowered error occurrence by **25%** using both manual and automated testing methods.

EDUCATION

Long Beach, CA. **California State University Long Beach** **Jan 2023 – Present**
- M.S. in Computer Science. **GPA: 4.0/4.0**.
- Coursework: Advanced Algorithms, Advanced AI, Advanced Topics in Programming Languages, software maintenance reengineering and reuse, advanced software engineering.

Telangana, India **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD CEJ** **May 2017 – May 2021**
- B. Tech in Computer Science. **Aggregate: 8.5/10 (First Class with Distinction, Top 5% in the University)**.
- Coursework: Design and analysis of Data Structures and Algorithms, Graph Theory and Combinatorics, Compiler Design, Operating Systems, Computer Networks, Object Oriented Programming through JAVA, Software Architecture, Artificial Intelligence, Introduction to Python.

SKILLS

Programming Languages: C, C++, Java, Python, PHP, Kotlin, Java script.
Web Technologies: HTML, XML, CSS, JSON, Bootstrap, Postgres, Node.js, Rest.
Databases: MySQL, SQL PLUS, MongoDB.
Technologies / Tools: Git, Pandas, Photoshop, Linux, Unix, AI, Machine Learning, Android Studio, ETL/ELT, CI/CD , Agile, Scrum, JIRA, Bit Bucket, Microsoft Office, ReactJS, React Native,Redux.

PROJECTS
- **Blog or content management system** (2021): Built a simple CMS where user can delete, add, and edit the post including the comments. Implemented user authentication for admins and Authors. **(ReactJS, Realm, Jest)**.
- **E-commerce website (2020):** Implemented rich, interactive 'E-commerce website' contributing as full stack developer with good software development technique. (**HTML, CSS, Bootstrap, PHP,SQL**) .

OTHER ACTIVITIES
- Interned at **Oakspro Software Solutions** during my B.E where I provided POCs to clients by developing their websites by optimizing the contents (HTML, images, CSS, JS, videos, PHP, MYSQL)
- Served as **Teaching Assistant** Introduction to python programming during my Bachelor's.
- Organized tech fest at the university and treasure hunt involving coding and logic.
- **Tech Tuesdays, Presented** weekly tech presentations at Honeywell Technology Solutions.