NIKHIL BHARATH RAMASWAMY

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SOFTWARE DEVELOPMENT ENGINEER

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Summary of Qualifications: Hands on experience in XpressO, JavaScript, Object Oriented Programming, Java, Python, React, SQL, SDLC, Cloud computing, Agile Project Management, MS Office.

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, XpressO (Proprietary)
- Scripting Languages: JavaScript, Python
- Data Technologies: Oracle, SQL, NoSQL, GCP DataStore, H2 DB Engine, DynamoDB, MongoDB
- Cloud Technologies: Kubernetes, Docker, AWS, GCP
- Frameworks / Libraries: JSF, Spring MVC, Hibernate, PrimeFaces, Flask, Oracle APEX, React, Tailwind, Node, Boto3
- Technologies and Tools: Firebase, SAP HANA H4 BAPI, RESTful Services, Git, Selenium, Netlify, Heroku
- Tools: Tortoise SVN, JetBrains, SQL Developer, Jenkins, Eclipse, Automation Anywhere
- Software Engineering, Design Patterns, DevOps, Red Hat Enterprise Linux 7.0, Technical Documentation
- Project Management: Slack, Wrike, Pivotal Tracker, MS Project
- Reporting: IBM Cognos, Jasper Reports

PROFESSIONAL EXPERIENCE

Sr Associate Software Development Engineer - Workday Inc, USA   June 2022 - Present
- Developing features for Workday customers in the Workforce domain using XpressO language
- Automating system tests to validate product functionality to ensure quality assurance
- Working on integrating business applications to improve organization productivity
- Monitoring commit pipeline health to ensure robust DevOps cycle

Assistant Manager - **Enabling Function IT, Royal Enfield, India**   June 2018 - November 2020
- Engineered an enterprise web application to automate cost governance with 100% adoption
- Modernized multiple utility tools to pipeline business data workflow seamlessly reducing 75% of manual effort
- Awarded for exceptional support during SAP HANA S4 implementation and integration with PLM and EPC
- Facilitated customizations on reporting for business improvements in PLM, EPC and DMS increasing process efficiency by 20%
- Advanced SDLC expertise in CKD (Complete Knockdown) project and an IoT project "FACTRE" doubling rate of production and supply of material exports

Graduate Engineer - **Enabling Function IT, Royal Enfield, India**   June 2017 - May 2018
- DevOps engineer of enterprise applications namely PLM and EPC managed by 18 cross functional teams
- Enhanced utility tools supporting license management supporting 6 major CAD and CAE Applications

LEADERSHIP SKILLS

President - **Indian Graduate Student Organization**, Binghamton University   August 2021 - May 2022
- Collaborated with the Binghamton University leadership and providing services and schemes restructuring students' lives
- Articulated student council bylaws and policies managed campaigns digitally
- Implemented fund raising program to host collaborative events creating awareness and networking
- Strengthened team engagement digitally by 75% to implement cultural trends amidst Covid19

EDUCATION

Binghamton University, SUNY | **Thomas J. Watson College of Engineering and Applied Science**, NY   GPA : 3.80
Master of Science , Computer Science   February 2021 - May 2022
Relevant Coursework : Data Structures and Algorithms, Design Patterns, Operating Systems, Computer Architecture, Web Programming, Cloud Computing, Data Science Pipeline, Software Engineering

Anna University, India   GPA : 7.01
Bachelor of Technology, Information Technology   August 2013 - April 2017

CERTIFICATIONS AND ACADEMIC PROJECTS

- Certified as a DevOps engineer for the development of an e-commerce application using Java Spring MVC
- Awarded for the project presentation on "*Energy Conservation using PIR Sensors*" conducted by the SVCE institution
- Completed a capstone project based on "*Effective Routing on Video Content Requests*" developed in Java platform
- Restaurant delivery application with JavaScript and MongoDB (NoSQL)
- People's Mart - Food Inventory System for NGO with Ruby on Rails platform
- Twitter - Microblogging service clone with cryptocurrency usage stats using NodeJS and MongoDB

PLM - Product Lifecycle Management | EPC - Electronic Parts Catalog