

NIKHIL BHARATH RAMASWAMY

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SOFTWARE ENGINEER

Portfolio - www.nramaswamy.com

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

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Development Team Lead - Global Health Impact Project, USA September 2021 - Present

- Developed a web statistics portal with an excellent team of 5 closely analyzing on 17 major pharmaceutical companies, 217 nations, 10 diseases and 46 drugs
- Developing a forecast tool with a team of 8 to predict future health impact based on diseases, drugs, company and country benefiting medical researchers and professors
- Tracking deliverables with a team of 12 and achieving continuous integration using Agile methodology

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 - Present

- 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 : 3.77
Master of Science , Computer Science Expected : 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