RAGHAVARSHINI GANESAN

varshaganesh98@gmail.com | +6580338363 | linkedin.com/in/raghavarshini/ | **Portfolio**

AZ900 Certified | Azure-DevOps | Atlassian Bamboo | Bitbucket Pipelines | Yaml | TFS | Jenkins | Docker | Kuberenetes | Atlassian Jira | JSM| Sonarqube | ServiceNow | Jfrog Artifactory | Urban Code Deploy | Server Management | IIS | MySQL | ReactJS | Java | Python | C# | JavaScript | Git | Bitbucket | Shell/Batch Scripts | Pytorch | Tableau | PowerBI | D3.Js | Qliksense | ActiveDirectory | SSO | Cloud & On-prem Administration

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ACADEMIC QUALIFICATIONS:

NANYANG TECHNOLOGICAL UNIVERSITY (SINGAPORE) AUG 2022 - MAY 2023
Master of Science in Information Systems **3.9/5 CGPA** (HONORS DISTINCTION)

> Relevant courses: Dbms (MySQL), Web & Text Mining (Pytorch, Python, Deep learning), Data Mining, Data Visualization (D3, Tableau), Research methods & Data Analytics (SPSS, Qualitative & Quantitative Analysis), Human-Computer-Interface, Software-Engineering, Management of Information-Systems, Software Project Management

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (INDIA) AUG 2016 - MAY 2020
Bachelor of Technology in Computer Science Engineering **87.05%** (1ST CLASS WITH DISTINCTION)

> Relevant courses: Programming in Java, Operating system, NLP, Database Security, Artificial Intelligence, Machine Learning, Distributed Computing, Software Quality Assurance, Analytics, Web Programming, Algorithm Design, Computer Networks, Software Engineering Principles, Data Structures, Theory of Computation, Database Management

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WORK EXPERIENCE:

SHIMANO PTE LTD. (BULIM WALK SINGAPORE) MAY 2023 - PRESENT
Software & Application Developer-Digital Technology

- Executed **SQL Script Automation** using Batch Script within Tasks in Bamboo by comparing Previous & current revision while handled the build error scenarios as well for **20+** Major projects & extended it to **6** other Regions' projects.
- Incorporated DevOps enhancement activities namely: **two way integration** of **on premise & cloud Software** to establish full CI-CD flow & **Source code Automation** which helped as **backup** for major Internal Projects during company's **Phishing Attack** (2023).
- Designed Single-handedly entire **ITSM** Platform using Jira service Management with **custom workflows, Approvals, UI Form designs & Automation rules** from scratch for Issue Log, Change Management and Incident Platform.
- Administered **Deployment Configuration** (Bamboo, Artifacts, IIS, Source tree, Firewall Rules, Stop & Start Services, SSH deployment, Remote Agents, Default Tasks, Builds, Tests, Executables, Triggers, Encryption using Global and plan variables) and **Version Management-Bitbucket** (Branch-policies, Reviewer Groups, RBAC, Merge-conflicts, Distributed-VCS, Rollbacks, Ldap **).**
- Formulated PowerBI Graphical Dashboards for Inventory Reports, Functional Workload Analysis, Security Insights & Vehicle Reservation.
- Debugging on Failed **Deployments, Builds & Unit Test Case Creation &** for major Functions using MSTests/Xunits.

ERI@N ENERGY RESEARCH INSTITUTE. (NTU-SINGAPORE) NOV 2022 – MAY 2023
Student Research Assistant

- Developed an intelligent web app using **React JS, Node JS, and MySQL** that auto-adjusts room window shields, light intensity, AC speed based on real-time sensor data such as sunlight, wind, precipitation &o2 to optimize remote access control systems.
- Visualized Historical Data Insights using **Chart JS**, **AXIOS and Express JS** library and incorporated a Dashboard UI for researchers with advanced customizable filters through streamlined **CRUD operations.**

INFOSYS LTD. (CHENNAI-INDIA) OCT 2020 - JUL 2022
Senior System Engineer

- Coordinated as CI Lead over three prominent **stacks- Azure (Board, Repos, Pipelines), Atlassian (Bitbucket, Bamboo) and TFS** to adopt DevOps practices over **100+** region teams for Dev, Int, QA & Production Environments.
- Constructed Build & Deployment Scripts along with DevOps software such as JFrog Artifactory, Urban **Code Deploy, Docker & Sonarqube** by evaluating development scenarios and demands for each project.
- Optimized source code management using version management by incorporating Branching strategiessuch as **Gitflow and Trunk Based** to facilitate pull requests, branch policies, build validation, triggers, path filters, and Role Based Access Control (RBAC).
- Modified Shared application repository for **Liberty server deployment**, created active directory groups, formulated teamsand managed issues using **JIRA and Service-Now** within SCRUM and KANBAN boards.
- Presented **POC**s to clients on JIRA - HELIX ALM – Requirements Management as a comparative analysis in terms of economy + traceability for remodeling & migrating that aided in overall **50% cost-savings** of expected expenditure for Incident Management.

INFOSYS LTD. (MYSORE-INDIA) JAN 2020 - APR 2020
System Engineer Intern

- Implemented **a full-stack ticket reservation system** using React JS, MySQL, and Java Spring Boot, incorporating features for user data collection and modification with authorization & advanced DDL and DML concepts such as **join querying & normalization**
- **Outperformed 30 interns** by provisioning add-on features such as printing, revising & rescheduling the tickets.
- Handled and facilitated issues by storyboarding as the team's **Scrum master** by curating **agile** concepts.

PROJECTS, CERTIFICATIONS: PLEASE VISIT MY PORTFOLIO