ARAVINDHAN SURESH

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EXPERIENCE

Wipro Limited – Chennai, India
Project Engineer, Strategic Market Units - Finastra   *March 2021 – Present*
DevOps Engineer
- Worked on multiple roles in the ICC Tradecomm Supply Chain Finance Project at **Finastra** which is one of the largest fintech companies in the world.
- Managed day-to-day development activities in close concert from early PoC to production with technical team members focused on design development, code review, issue fixing and deployment in the respective environments using CI/CD Pipelines in Azure DevOps
- Operated containerized deployments of Microservice APIs, Key Cloak, Camunda Tool in Kubernetes architecture.
- Handled Azure Cloud Services like Azure VMs, Azure DevOps, Azure MySQL, Azure Kubernetes Service, Azure Container Registry, Azure Key Vaults.

API Developer
- Created REST APIs using Spring boot microservices along with Swagger validation.
- Performed JUnit tests for every layer in the APIs.

Performance Engineer
- Conducted Acceptance tests for APIs and UI using cucumber, playwright and automated test scenarios
- Conducted Performance tests for APIs using Gatling Scala and for UI using LoadRunner Cloud and increased the performance of the APIs from 20 to 100 percent.
- Monitored metrics, traces, logs in VMs and Pods using Azure monitor workbooks, AppDynamics and Grafana Stack (Prometheus, Loki, Tempo) and used them to drill down the business transactions for solving issues.

EDUCATION

Jerusalem College of Engineering, Anna University – Chennai, India   *July 2016 – April 2020*
Bachelor of Engineering, Computer Science; Cumulative GPA: 7.0/10
Prince Matriculation Higher Secondary School – Chennai, India   *May 2013 – April 2016*
Grade 12, HSC – 81%; Grade X, SSLC – 95.6%

SKILLS

Infra: Docker, Kubernetes, Ansible, Azure Cloud Services, AWS Services, CI/CD Pipelines
Programming: SQL, Java, JavaScript, Python; **Back-End**: REST-API Spring boot
Tools: Postman, VS Code, Git, Kubernetes Lens, Docker, Helm, Swagger.
Testing: Cucumber, Playwright, Gatling, LoadRunner Cloud;
Database: MySQL, MongoDB; **UI/UX:** Figma, Adobe XD; **Software:** Scrum, Unit Test

HONOURS AND AWARDS

Mini Project Competition - Jerusalem College of Engineering
Winner - Automated Blood donor detection - UI PATH ; 1 st / 20 teams, Team Leader   *Feb 2019*

ADDITIONAL

Languages: Fluent in English, Beginner in Japanese, Native Tamil.
Projects: Prediction and classification of heart disease using ML and Particle Swarm Optimization Algorithm.