

Abishekraj (Raj) Vinayagar Gnanasambandam

Coventry, United Kingdom | +44 7767930675 | vgsabishekraj@gmail.com | github.com/abishekrajvg | linkedin.com/in/abishekraj6797

WORK EXPERIENCE

Infosys

Senior System Engineer

Chennai, TN, India

August 2019 – August 2022

- Built core modules using Java, Python & Shell scripts in the cloud migration of an AT&T Bigdata Analytics project
- Experienced in containerization of images and cluster orchestration through Docker and Kubernetes
- Overhauled development of driver tools to build & deploy containerized packages prior to CICD implementation
- Achieved holistic claim on the Azure scalable infrastructure by building, deploying, scaling, and managing apps using Azure Container Registry and Azure Kubernetes Service manually through CLI using shell scripts on Azure VMs and also automated via Azure DevOps Pipelines.
- Implemented traffic-based autoscaling through a combination of custom scripts, Kubernetes operators, and Azure's horizontal scaling over CPU utilization.
- Developed an automated weekend shutdown cron tool to scale down dormant dev & QA environments in the interest of cost. The tool included automated deployment and data backup/restore features for seamless shutdowns.
- Gathered prefatory comprehension of the topology and functionalities of computer networking
- Established solid practice of software development through Agile Scrum methodology
- Managed sprint-wise software releases for the team and was responsible for:
 - Merging multiple feature & development branches into a release branch for different repositories
 - Regression testing of dependent modules, versioning & packaging of the development work into docker images
 - Documenting deployment instructions for QA, Staging, and Production environments
 - Delivering to QA along with deployment support
 - Managing bug fixes, hotfixes, incremental updates, and final versioning
- Mentored new developers & testers joining the team, primarily on the development flow, git fundamentals, and managing interdependent repositories, build & deployment.
- Supported Production deployments and in various miscellaneous troubleshooting

Infosys

System Engineer Intern

Mysore, KA, India

December 2019 – May 2019

- Accentuated solid grasp on industry-oriented programming through rigorous training and evaluation.
- Developed an e-commerce web app employing Java Spring suite and Angular JS
- Additionally trained in the foundations of SAP Hybris

Oil and Natural Gas Corporation

Intern

Chennai, TN, India

June 2016

- Explored legacy systems and the application of computers in the field of Geo-Sciences.
- Developed simple data tools in C++

EDUCATION

University of Warwick

Master of Science in Computer Science

2022 – 2023 (In Progress)

Anna University - Panimalar Institute of Technology

Bachelor of Engineering in Computer Science

2015 - 2019

GPA 7.86/10

TECHNICAL SKILLS

- Adept at **C++** and **Python**
- Proficient in **Java Core** and **Advanced**, with knowledge in **Maven**, **Spring Framework**, **Hibernate ORM**
- Well-versed with the **Ubuntu OS** through the terminal and adroit at **Shell Scripting**
- Amicable grasp of **SQL**, specifically in Apache ignite and PostgreSQL.
- Accustomed to **Git** version control with practice in GitHub and Bitbucket
- Commendable expertise in **Docker** containerization and **Kubernetes** orchestration
- Functional knowledge in Azure infrastructure and have Built, deployed, scaled and managed clusters manually through **Azure Kubernetes Service** and automated through **Azure DevOps**

CERTIFICATIONS

1. Microsoft Azure Fundamentals AZ900 (October 2021)
2. GridGain Developer Essentials: Apache Ignite (October 2021)
3. Certificate in Digital Transformation Program – Java Enterprise Apps with DevOps
National Institute of Information Technology (NIIT), Chennai, TN, India
 - Trained in Java EE Server-side technologies, Spring suite, Hibernate and DBMS through H2 database
 - Gathered rudimentary concepts of Agile methodology and DevOps in software development.
4. Cambridge English Level 1 Certificate in EOSL international (Business Preliminary)
Business English Certificate Preliminary acquired with ability graded Level 1 and Council of Europe Level B2 & overall score of 164