

Ajay Kumar

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📍 Galway, Ireland

EDUCATION

TRINITY COLLEGE DUBLIN

MASTER'S IN DATA SCIENCE
Oct 2018 | Dublin, Ireland

VISVESWARAYA TECHNOLOGICAL UNIVERSITY

BACHELOR'S IN COMPUTER SCIENCE
AND ENGINEERING
June 2015 | Bengaluru, India

LINKS

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SKILLS

TECHNICAL SKILLS

Programming:

• Java • Node.js • Javascript • SQL/PL
• Shell Scripting • GoLang

Testing tools:

• Selenium • Webdriver • API Testing
• Postman

Database:

• MS SQL Server • Elasticsearch
• MongoDB

Automation/Build:

• Jenkins • Maven • Gradle • Artifactory
• Ansible

Virtualization/Cloud:

• Docker Products • Kubernetes • Google
Cloud • k3s • microk8s

Tools:

• ZeroTier • ELK Stack • Beat Stack
• Kustomize

PERSONAL SKILLS

• Self-motivation • Collaboration
• Thorough • Unselfishness
• Customer-Focused • Adaptability
• Problem Solving • Decision Making
• Time management • Flexibility
• Automation & Testing • Proactiveness

EXPERIENCE

SIREN | SDET

Apr 2019 – Present | Galway, Ireland

- Implemented **CI/CD** process using **Jenkins** in **GCP Kubernetes** for global development team, allowing for dozens of code updates per hour with zero downtime.
- **Automated build and deployment** process with **Jenkins, Gradle, Maven** and **Docker**, eliminating most of the manual work.
- **Automated Release** process with **Jenkins, JFrog** and **Jira**, eliminating most of the manual Release Process.
- Updated an API test framework for RESTful API using **Java, Groovy** in **Spock Framework** to utilise **Docker** and **Kubernetes** infrastructure.
- Designed and developed the full stack implementation of a Automation framework to utilise Docker infrastructure to test Web Application Using **Java, Testcontainers** and **Docker**.
- Actively involved in Sprint Planning, Daily Scrum, Sprint Review & Sprint Retrospective.
- **Requirement Analysis, Software Testing, Software Development, Software Debugging, DevOps, Continuous Integration, Continuous Learning, Accountability, Initiative, Multitasking, Approachability and Helpfulness.**

TESTREACH | SOFTWARE ENGINEER

Feb 2019 – Mar 2019 | Dublin, Ireland

- Designed and developed the full stack implementation of a new Automation framework to test the web application using **JavaScript** and **Nightwatch.js**.

WIPFLI LLP | SOFTWARE ENGINEER

Sep 2015 – June 2017 | Bengaluru, India

- Worked on the **XPO Last Mile** team in primarily **Java, Selenium WebDriver** and **T-SQL, SQL/PL** to plan, design and develop the full stack implementation of a new Automation framework to test the web application.
- Created an API test framework for RESTful API using **JavaScript** in **Postman**.

PRATIAN TECHNOLOGIES | SOFTWARE ENGINEER (INTERN)

Aug 2014 – Sep 2015 | Bengaluru, India

- Worked on the **ACCESS HEALTH CARE LLC** team in primarily **HTML5, CSS3, SQL/PL** and **Java** to plan, design and develop the full stack implementation of a web Application.
- Worked on the **SINDA & Arbinger** team in primarily **Selenium, Java** and **SQL/PL** to plan, design and develop the full stack implementation of a new framework to test the web application.
- All code was reviewed, perfected, and pushed to production.

PROJECT

ZERO-TIER ROLE | ANSIBLE

Install and add new members to a zerotier network for x86_64 and ARM-based computers. Skills Used: • **Ansible** • **Zero-Tier**

SIREN-CLUSTER-MONITORING | KUSTOMIZE

Deployment of ELK Stack using Kustomize to collect metrics data Skills Used: • **Kustomize** • **ELK Stack**