

# 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

🌐 n.uajaykumar  
🐙 AjayKumar4  
🌐 nuajaykumar

## SKILLS

### TECHNICAL SKILLS

#### Programming:

• Java • Python • SQL/PL •  $\text{\LaTeX}$   
• Shell Scripting • GoLang

#### Testing tools:

• Selenium • Webdriver • API Testing  
• Postman

#### Database:

• SQL Server • Elasticsearch

#### Automation/Build:

• Jenkins • CircleCI • GitOps • Maven  
• Gradle • Artifactory • Ansible

#### Virtualization/Cloud:

• Docker Products • Kubernetes • Google  
Cloud • k3s

#### Tools:

• ZeroTier • ELK Stack • Beat Stack  
• Grafana • Prometheus • Kustomize

### PERSONAL SKILLS

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

## EXPERIENCE

### SIREN | SOFTWARE ENGINEER

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.
- Design and develop the full stack implementation of a Automation framework to utilise Docker infrastructure to test Web Application Using **Java, Testcontainers** and **Docker**.
- Sprint Planning, Daily Scrum, Sprint Review & Sprint Retrospective.
- **Requirement Analysis, Software Testing, Software Development, Software Debugging, Continuous Integration, Continuous Learning, Accountability, Initiative, Multitasking, Approachability and Helpfulness.**

### TESTREACH | SOFTWARE ENGINEER

Feb 2019 – Mar 2019 | Dublin, Ireland

- Design and develop 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 (INDIA) PRIVATE LIMITED | SOFTWARE ENGINEERING 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**