

# Ajay Kumar Nelavagilu Udaya Kumar

🏠 <http://debarghyadas.com> | ✉ [nelavala@tcd.ie](mailto:nelavala@tcd.ie) | 📞 +353 892235142  
📍 Dublin, Ireland

## EDUCATION

### TRINITY COLLEGE DUBLIN

M.Sc IN COMPUTER SCIENCE  
Oct 2018 | Dublin, IE

### EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY

BE IN COMPUTER SCIENCE  
Sep 2015 | Bengaluru, IND

## LINKS

📧 [n.uajaykumar](mailto:n.uajaykumar)  
🔗 [AjayKumar4](#)  
in [nuajaykumar](#)

## COURSEWORK

### GRADUATE

- Machine Learning • Data Analysis
- Data Visualization • Scalable Computing
- Advanced Software Engineering
- Applied Statistical Modelling
- Optimization Algorithms for Data Analysis

### COURSERA

Machine Learning  
(Stanford University & Andrew Ng)

## SKILLS

### TECHNICAL SKILLS

- Java • JavaScript • Python • SQL/PL • C#
- ~~LaTeX~~ • Matlab • CSS3 • HTML5 • Shell
- JIRA • Android • MS SQL Server • Reactjs
- Selenium • Scikit-learn • Scikit-garden
- Jenkins • NumPy • Pandas • AWS • GIT
- Maven • Spring Boot • Gradle • SVN
- AWS Lambda • Power BI • Spring MVC
- ASP.NET • JIRA • Jmeter • Node.js

### PERSONAL SKILLS

- Agile Methodology • TDD • Analysis
- Problem Solving • Teamwork • Design
- Debugging • Testing • Documentation
- Customer-Oriented • Adaptability
- Approachability and Helpfulness
- Accountability • Creativity • Attitude
- Time management • Work Ethic

## EXPERIENCE

### SPIDERLOGIC INDIA PVT LTD | SOFTWARE ENGINEER

Sep 2015 – June 2017 | Bengaluru, IND

- Worked on the **XPO Last Mile** team in primarily **Selenium WebDriver, Java** 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**.
- Sprint Planning, Daily Scrum, Sprint Review & Sprint Retrospective.
- Requirement Analysis, Software Testing, Software Development, Software Debugging, Continuous Integration.

### PRATIAN TECHNOLOGIES (INDIA) PRIVATE LIMITED | SOFTWARE ENGINEERING INTERN

Aug 2014 – Sep 2015 | Bengaluru, IND

- 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

### RETAIL STORE ANALYSIS & VISUALIZATION | POWER BI

Analysis & Visualization Retail Store of USA.

Skills Used: • **Power BI** • ~~LaTeX~~

### DYNAMIC SUSTAINABLE WAYFINDING | ANDROID APP

Optimum real-time pollution less road-map for all mode of transportation in Ireland.

Skills Used: • **Java** • **Maven** • **Android** • **JavaScript** • **Dynamo DB** • **node.js** • **AWS Lambda** • **Jenkins** • **Spring Boot** • **SonarQube**.

### BIKE SHARE ANALYSIS | PYTHON

Performed a Wrangling an exploratory analysis of data provided by **Motivate**.

Skills Used: • **Python** • **Pandas** • **Numpy**

## ACHIEVEMENTS

- 2018 One of the two Trinity College Dublin team to represent Citi upStart Final
- 2016 Won Best Team Title and Appreciation from COO & CTO of XPO Last Mile

## VOLUNTEERING

- 2018 37<sup>th</sup> International Symposium on Combustion
- 2018 28<sup>th</sup> International Conference on Field Programmable Logic & Applications

## PERSONAL INTERESTS

- Badminton • Cricket • Chess • Collecting • Cooking • Cycling • Gardening • Hiking
- Swimming • Travelling • Video games • Volunteering