Ajay Kumar Nelavagilu Udaya Kumar

nelavala@tcd.ie | (+353) 892235142

EDUCATION

TRINITY COLLEGE DUBLIN
M.Sc in Computer Science
Expected Sep 2018 | Dublin, IE

EAST POINT COLLEGE OF ENGINEERING & TECHNOLOGY
BE in Computer Science
Sep 2015 | Bengaluru, IND

LINKS

Github:// **AjayKumar4**
LinkedIn:// **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)

UDEMY
Machine Learning A-Z™
(Kirill Eremenko & Hadelin de Ponteves)

SKILLS

PROGRAMMING
Over 3000 lines:
• Java • JavaScript • Python
• SQL/T-SQL • node.js
Over 1000 lines:
• C# • R • Matlab/Octave
• Shell • LaTeX
Familiar:
• C • C++ • CSS3 • HTML5 • JIRA
• Dynamo DB • Android • MySQL
• Microsoft SQL Server • Selenium
• Postman • Agile Methodology • TDD
• scikit-learn • scikit-garden • Jenkins
• NumPy • Pandas • Tensor Flow
• Spring Boot • Maven • Gradle • GIT
• AWS Lambda • SVN • Power Bi

EXPERIENCE

SPIDERLOGIC INDIA PVT LTD | Software Engineer
Sep 2015 – June 2017 | Bengaluru, IND
- Worked on the XPO Last Mile team in primarily Selenium Java and T-SQL/SQL to plan, design and develop the full stack implementation of a new 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.
- All code was reviewed, perfected, and pushed to production.

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, JavaScript and Java to plan, design and develop the full stack implementation of a web application with Authentication, Create/Edit Blog, Discussion Form.
- Worked on the Singapore Indian Development Association & Arbinger team in primarily Selenium Java and T-SQL/SQL 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
Jan 2018 – April 2018
Analysis & Visualization Retail Store of USA using Power BI, answered the question like "total sales in a year by a district" & "Comparing the total sales of the current year with the previous" and many more using visualization graph.
Skills Used: • Power Bi • LaTeX

DYNAMIC SUSTAINABLE WAYFINDING | Android App
Jan 2018 – April 2018
Develop an Android application to suggest customer the best optimum pollution less roadmap for all mode of transportation in and around Dublin. We even configured and deployed sensor to read air pollution data.
Skills Used: • Java • Maven • Android • JavaScript • Dynamo DB • node.js • AWS Lambda • Jenkins • Spring Boot.

BIKE SHARE ANALYSIS | Python
Jan 2018 – JAN 2018
Performed a Wrangling an exploratory analysis of data provided by Motivate, a bike-share system provider for many major cities in the United States. Compared the system usage between three large cities: New York City, Chicago, and Washington DC to visualization and plot graphs to answer the question like "distribution of trip times for the Subscribers in your selected city" and many more.
Skills Used: • Python • Pandas • Numpy