

# SYED RIZVI

Phone: 0830644775 - Email: syed\_rizvi@live.co.uk  
7 Thomond Court, Ballymahon, Co. Longford N39 C590  
<https://irfanrizvidev.github.io/portfolio/>

## OBJECTIVE:

Experienced, highly motivated software engineer and an award winning graduate looking for a role where I can learn and grow.

## WORK HISTORY:

June 2020 - present

Software Engineer (Ericsson LMI Ltd.)

- ❖ User requirement analysis
- ❖ Writing, maintaining and testing code e.g., unit testing, Integration testing, acceptance testing
- ❖ Problem solving and involvement in meetings with stakeholders to deliver solutions
- ❖ Maintaining documentation of REST APIs
- ❖ Maintaining systems by monitoring and correcting software defects
- ❖ Creating and maintaining CI/CD pipelines improving the ecosystem of development
- ❖ Learning continually to update technical knowledge and skills by attending in-house, external courses and with online resources. Following is the list of on-job formal training:
  - Kubernetes with Helm Charts
  - Docker / Docker-compose
  - Java courses
  - Spring Boot course
  - Python course
  - Advanced python course
  - Unit testing with JEST
  - K6 Load testing and JavaScript course
  - Building and testing microservices

June 2019 – Present

Web Admin (New Horizon Athlone Charity)

*This is charity work – I do not get paid for this and I use weekends for the following*

- ❖ I currently host and maintain two websites for the above charity organization;
  - <https://newhorizonathlone.org/>
  - <https://www.dpsupportlive.com/>
    - I perform all VPS maintenance and configuration to host these websites.
    - I have performed installation of WordPress and customization of WordPress installations.
    - I have implemented *HTTPS* for both of the websites.
    - I have configured server to take regular backups of databases and directories.
    - Maintain the security of the websites.
- ❖ I also maintain, upgrade and repair laptops owned by the charity.
- ❖ Installed printing facilities for charity to be used by asylum seekers in asylum center.
- ❖ Trained Asylum seekers to use the printing facilities for charity.
- ❖ Started a course to teach asylum seekers web hosting.
- ❖ Perform other ad hoc duties e.g., installation of software and OS for charity, email hosting etc.

May 2018 – Nov 2018

Cybersecurity Officer (ITB)

- ❖ Creation and maintenance of infrastructure to host Capture the Flag challenges
- ❖ Creation of Admin panel to control the infrastructure and Hypervisor
- ❖ Creation of Capture the Flag challenges/games to introduce cybersecurity to people with no IT background

- ❖ Presentation of Challenges in events, on Campus and off campus
- ❖ Walking through audience through the challenges

## EDUCATIONAL QUALIFICATION:

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**June 2019 - June 2020**

**Full Stack Developer Course  
Code Institute Dublin**

**Course Content:**

HTML, CSS, JavaScript, Python, Databases, Flask, Django

Projects Developed:

- <https://github.com/irfanrizvidev/prINTER>
- <https://github.com/irfanrizvidev/portfolio>
- <https://github.com/irfanrizvidev/interativeApp>

**May 2017- Nov 2018**

**Higher Diploma in Computer Science  
Institute of Technology, Blanchardstown**

**Course Content:**

**First Semester:** Software Engineering 1 (Java) (96.8 A), Computer Systems (91 A), Communications & Networking (90.25 A), Web Development Introduction (92 A)

**Second Semester (Currently Studying):** Software Engineering 2 (Java) (98 A), Internetworking (92 A), Modelling and Database Design (69 B), Web Application Development (60 B), Project Skills (77 B+)

**Final Year Project (95% A):**

I was selected for an internship in my college Institute of Technology, Blanchardstown to complete the following project. I was allowed to have the same project to be used for my final year project to kill two birds with one stone. I worked under the supervision of a professional Jason Flood who works at IBM as Chief Technological Officer. I worked very hard on this project and it is reflected in my final score for the project which is 95%.

1. Creation of Infrastructure to host Capture the Flag Games using JSP, Java Servlets, JQuery and AJAX
2. Admin Panel to control Hypervisor VMWare ESXI
3. Capture the Flag games/challenges

**Technologies Used in the Final Year Project:** Java, JSP, Java Servlets, JQuery, AJAX, SQL, Shell, Jenkins, SFTP, Linux, HAProxy, ELK Stack, DNS server (BIND), PostgreSQL, Tomcat, VMWare ESXI 5.1, Networking, GIT, LAMP stack, JSON etc

**2011-2015**

**Bachelor of Engineering (Mechanical Engineering)  
Institute of Technology, Tallaght**

**Course Content:**

Maths 1 (A 87.5%), Mechanics (A 96.7%), Electrical Engineering (A 100%), Graphics (A 87.93%), Maths 2 (A 86.96%), Physics (A 83.6%), Electrical Circuits (A 94.82%), Eng Graphics and Comm. (A 93.5%), Quality & Manufacturing Systems (A 83.1%), Solid Modelling 2 (A 93.5%), Fluid Mechanics 1(A 93.16%), Materials & Processes 1 (A 96.5%), Measurement Systems (A 86.1%), Materials & Processes 2(A 87.4%), Group Project & Environmental Technology, Information Technology 1(A 87.75%), Thermodynamics 1(A 84.4%), Mechanics 2(B 67%), Automation (A 82.5%), Statistics (A 95.9%), Automations Systems(A 88.2%), Design(A 93.4%), Mathematic 4(A 96.8%), Mechanics 3(B+ 77.1%), Management and professional development(A 83.92%)

**Project:** Completed on May 2015 **Project Title:** *A computer program to calculate the one dimensional heat transfer in pipes and a test rig to testify the results.*

## PROFESSIONAL/INTERPERSONAL SKILLS:

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I have acquired a particular set of skills during my career. Presentations, discussions and technical elaborations enhanced my communication skills and I have a good typing speed. I have good analytical and problem-solving abilities. Some of the personal skills I have are:

- ❖ **Communication Skills:** English(Fluent), Urdu(Fluent), Punjabi (Fluent)
- ❖ **Strong team player:** I make relationship with team members and earn their trust which helps to work collaboratively.
- ❖ **Highly persistent:** I get things done within the delivery times by keep trying to solve problems.
- ❖ **Highly motivated / Self Motivated:** I am highly motivate and always try to do my best work.
- ❖ **Leadership:** I have led teams for some projects e.g., settings up the unit testing environment using JEST.
- ❖ **Problem solving:** I take head on approach when it comes to problem solving and do not shy away.
- ❖ **Quick learner:** I have found myself a very quick learner when compared to other team members.
- ❖ **Flexible and adaptable:** I adapt to deliver my work on time e.g., I worked late night and early mornings to deliver a blocking ticket. I selected many courses and completed them related to my work with my own initiative.

## SELECTED ACHIEVEMENTS:

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- ❖ Achieved B. Eng Mechanical Engineering 1<sup>st</sup> Class Degree (3.96 GPA)
- ❖ Won an Award of Excellence at the completion of my Degree
- ❖ Led the Group Project
- ❖ Completed the final year project with a Grade A
- ❖ First Class Honours in Higher Diploma Computer Science
- ❖ Completed many courses offered by current company to improve my skills related to my work

## HOBBIES & INTERESTS:

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Crypto currencies:

- I learn about crypto currencies e.g., I developed automated bots for trades and learn more about machine learning and how it could be incorporated in the world of crypto currencies.

Reading books, Football, Internet surfing, Swimming and community involvement are my interests.

## REFEREES:

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Bairbre Lane  
Line Manager  
Ericsson LMI Ltd.  
Email: bairbre.lane@ericsson.com  
Tel: 087 198 4108

Anthony Keane  
Head of School  
Institute of Technology, Blanchardstown  
Email: Anthony.keane@itb.ie  
Tel: 01 8851085

Gerry Callaghan  
Chair Person  
New Horizon Athlone Charity Org  
Email: gerry.callaghan@newhorizonathlone.org  
Tel: 086 330 1216