Isham Mohamed

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EDUCATION

- **Sabaragamuwa University of Sri Lanka** — Belihuloya, Sri Lanka
  Bachelor of Science in Computing and Information Systems (spcl); GPA: 2.9 — *2011 – 2015*

EXPERIENCE

- **IFS RnD International** — Colombo, Sri Lanka
  Software Engineer - IoT — *June 2017 - Present*
  - **IFS IoT Discovery Manager**: IFS IoT Discovery Manager is a tool which is a part of the IFS IoT offering. This tool can be used to create, monitor and manage Microsoft Azure resources relevant to IoT such as IoTHub, Stream Analytics, ServiceBus Queue, Event Hubs etc on top of customer's Azure subscription. This tool is being developed using Microsoft ASP.NET MVC, Angular JS, Azure SQL database and Microsoft Azure Resource Manager APIs.
  - **IFS IoT Gateway Service**: IFS IoT Gateway Service is being delivered as a Windows Service and a Azure Worker Role service via the delivery of IFS IoT offering.I helped migrating the Windows Service to Azure Work Role service by extracting the business logic to be reused in both these components. Technologies involved are Azure Worker Role, Azure Application Insights and C#.

- **IFS RnD International** — Colombo, Sri Lanka
  Software Engineer - Business Intelligence — *June 2015 - June 2017*
  - **IFS Business Reporter**: IFS Business Reporter is a reporting and analytics tool that is delivered as a supportive tool for IFS Applications for decision making. This is a Microsoft Excel based tool. I, as a part of the development team was involved in developing the software, fixing customer issues and consulting. C#, Oracle, PLSQL, Java and Microsoft COM APIs are the technologies involved in this.
  - **IFS Business Intelligence Tools.** : IFS Business Intelligence is an offering for C-level officers who use IFS Applications. I was involved in the ETL process, OLAP Cube development and Power BI dashboards design.

- **IFS RnD International** — Colombo, Sri Lanka
  Software Engineering Intern — *March 2015 - June 2015*
  I have Learned IFS core technology and how the IFS Enterprise Explorer desktop client connects with the database to perform tasks in IFS App 8 SP 2. I did a mini project, its a sample manufacturing scenario (consist of inventory, customer order and shop order) and I finished it before deadline. I implemented some usability improvements for IFS Business Analytic Excel Client as well.

- **Xamarin Inc.**
  Student Ambassador — *February 2015 - August 2015*
  Organized meetups related to Xamarin. Helped fellow students on Xamarin technology. Hosted hackathons in university level. Delivered several presentations on Xamarin in Sri Lankan, local meetups.

- **Sabaragamuwa University of Sri Lanka** — Belihuloya, Sri Lanka
  Web Developer — *June 2013 - October 2014*
  I have developed a Joomla component, that gives administrator of the site to updated details about academic staff in Sabaragamuwa University of Sri Lanka. Under my Head of the Department, I am responsible to perform website updates, taking backups and other website related activities. Joomla was the main technology used.

PROGRAMMING SKILLS

- **Languages**: C#, SQL, Javascript, Typescript, Python, R   **Technologies**: Azure, Angular, Jenkins, Git

PROJECTS

- **GMON**: Windows Phone app to assist blind people in their day to day life. Microsoft Imagine Cup 2013 - Sri Lanka 1st runners up.
- **Power BI - IFS Apps**: Integration of Power BI Dashboard, Reports and Tile with IFS Applications.
- **Recommendation System**: POI Recommendation system with Augmented reality for Windows Phone based on social media activities. Published a book on the system. ISBN - 3659590290
- **Aurora**: Location based CMS developed in ASP.NET using Foursquare API