

# Vignah Selvaraj

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## Education

### B.Tech in Computer Science and Engineering

National Institute of Technology, Calicut (NITC), India

2015 – 2019

CGPA: 8.33/10.0

### Edexcel GCE Advanced Level

Stafford International School, Colombo, Sri Lanka

2013 – 2015

Grades: 4A\*

### Edexcel GCE Ordinary Level

Stafford International School, Colombo, Sri Lanka

2011 – 2013

Grades: 8A\* & 1A

## Experience

### WSO2

Senior Solutions Engineer

May 2022 – Present

Colombo, Sri Lanka

#### Responsibilities

- Technical selling of API Management, Integration, Identity & Access Management (IAM) and Internal Developer Platform (IDP) products
- Involved in both pre-sales and post-sales activities
- Understanding prospects' technical pain points, preparing and delivering demos, answering RFPs, resolving queries, sizing, designing solutions & deployment architectures
- Maintaining relationship after closure with regular sync ups, supporting to go-live and beyond with the help of other internal teams, helping Account Managers in upselling campaigns
- Stakeholder management between product team, support team, sales team, customers and partners

#### Achievements

- Rated Top 20% and Top 5% employee multiple times
- Worked with 100+ prospects, handled 20+ customer accounts
- Presentations at WSO2 events to prospects and customers
- Volunteered to build part of internal support portal using ServiceNow integration with React and Ballerina

### Deutsche Bank

Analyst/Developer

Oct 2019 – Dec 2021

Pune, India

#### Projects

- Json schema to relational schema converter
- Migrated Informatica-based data flow to Spark
- Onboarded two separate data flows for regulatory reporting purposes

#### Responsibilities

- Development in Java and Spark to ensure data delivery for regulatory reporting purposes
- Handled requirements with business analysts and managed stakeholders on a continuous basis
- Mentored and guided new graduates on best practices to work on projects
- Followed agile (scrum framework)

## Achievements

- › Optimised data processing in Spark to improve delivery time by 60-80% on two separate flows
- › Improved unit test coverage for all the code I worked on

## Projects

### Natural and Emotional Linguistic Text to Speech Synthesis

- › Final year project that won TCS Best Project Award, published as an IEEE white paper
- › The two-part system synthesizes emotional and natural voice from unstructured text
- › The first part extracts emotions out of text using text mining and LSTMs
- › The second part identifies the key features of speech and modifies those attributes in neutral speech to give it an emotional and human-like sound
- › To identify these exclusive features an SER (Speech Emotion Recognition) model was also built

### szyrics

- › A Rhythmbox (music player) plugin with a simple and beautiful GUI to display synchronized lyrics in full screen or in the sidebar
- › Built using Python and GTK toolkit
- › Learnt most of the aspects by going through the source code due to lack of resources

## Technical Skills

**Programming Languages** Python, Ballerina, C++, Java

**Technologies/Practices** Test-Driven Development, All WSO2 Products, Apache Spark, Apache Camel, Hadoop, Hive, Yarn, Agile Scrum, SDLC,  $\text{\LaTeX}$

## Achievements

- Winner of the TCS Best Project Award for the best final year project at university.
- Best results in school at the Advanced Level and Ordinary Level Examinations.
- Clinched 10<sup>th</sup> place for Sri Lanka at the World Youth Scrabble Championships.
- Member of the basketball team at university.