

Franklin Antony

Dedicated developer with a passion for building data driven solutions. Willing to take up challenges and solve them under a professional team.

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Education

- *September 2020 - September 2021*
Currently pursuing **MSc in Computer Science**, expected 72.5%
Queen Mary University of London, London, UK

Have chosen modules in -

Functional programming, Semi-structured Data and Advanced Data Modelling, OOPs, Bayesian networks and Risk Analysis, Data Analytics, Security and Authentication Design for Human Interaction, Interactive System Design

- *August 2015 – July 2019*
Bachelor of Technology(BSc equivalent) - Computer Science and Engineering - 76.8%
APJ Abdul Kalam Technological University (State Govt University), Kerala, India

Completed modules in -

Data Structures, Design And Analysis Of Algorithms, Discrete Computational Structures, Computer Organization And Architecture, Operating System, Object-Oriented Design And Programming, Principles Of Database Design, Compiler Design, High-Performance Computing, Computer Graphics, Programming Paradigms, Cryptography And Network Security, Digital Image Processing and Computer Networks

Projects

- **Contributed to Project for Imperial College UK** - Contributed as a research volunteer in a research project for building interface to the code. The project was based on 'Evaluating the influence of amyloid and neuroinflammation on Tau deposition'.
Technologies/Languages used: Python and MATLAB
- **TaxiDB** - A Uber clone with more DB focussed features built for scalability and tuned for better reading and writing performance.
Technologies/Languages used: MySQL and MongoDB
- **The Pictr** - the photo-sharing app with CRUD operations.
Technologies/Languages used: Ruby on Rails, Javascript, HTML and CSS
- **Analysis of Relation between Stock price and emotions in public chat rooms** - Sentiment Analysis of r/wallstreetbets during the GameStop Saga. Also found out the relations and trends during that phase.
Technologies/Languages used: Python
- **MediDocs** - Blockchain for medical data access and permission management.
Technologies/Languages used: Hyperledger fabric, IPFS, Javascript, ReactJs and NodeJs
- **Vita** - Gene-based personal health recommendation app.
Technologies/Languages used: ReactJs, NodeJs, Consumption of REST API (GenomeLink API).
- **Concurrent Banking System** - A simple banking program built to perform different transactions concurrently in different threads to explain concurrency to fellow students.
Technologies/Languages used: Haskell

- **Covid-19 Data Parser** - built a module to handle API and parse data as part of coursework to study the working of different protocols using functional programming.

Technologies/Languages used: Haskell

Experience

Software Engineer, Esper.io, Bangalore, India - 04/2020 to 09/2020

- Worked in the UI dashboard that deals with device provisioning and configuring - mobile device management solution platform for enterprise and developers. Worked with languages/tools like Typescript, ReactJs and Gatsby during this period.
- Internationalised(i18n) the existing website. Also built the base framework and wrote automation scripts for other developers/non-developers to create pages in different languages quickly.

Software Engineering Intern, Esper.io, Bangalore, India - 10/2019 to 03/2020

- Single handedly built one of the top used features, ie. devices list views with actions, filters, sorting and other functionalities.

Software Development Engineering Intern, Cactus Pro Software, Kerala, India - 05/2018 to 08/2018

- Worked on ERP software and billing systems. Worked under the team to revamp and refactor the existing code and convert some modules from C# to Python

IoT and Cloud Training/Internship, Keltron, Kerala, India - 12/2017

- Built robotic models that worked using the particle photon and the azure.

Languages and Tools

- Proficient in C, C++, Python, Typescript, Javascript, ReactJS, Gatsby, Haskell, MongoDB, MySQL, Git.
- Also familiar with Frameworks such as -Ruby, Ruby on Rails,VueJS, NodeJS and Django.

Achievements and Awards

- **Student Scholar, RubyConf India 2018** - Selected as one of the five student scholars of RubyConf India 2018 held on February 9-10 at Bangalore, India.
- **Judge's panel special mention award, MITS Hackathon 2018** - Part of the team which got judge's panel special mention award for gene-based personal health recommendation app at MITS Hackathon 2018.

Certifications

- **Data Engineer Nanodegree**, by Udacity, July 2021
- **LFS171x: Blockchain for Business - An Introduction to Hyperledger Technologies**, by The Linux Foundation, April 2019.
- **Introduction to Modern App Development**, by NPTEL, September 2017.

Summary of Skills

- Up-to-date understanding of new developments in the industry through news and journals and regular attendance of relevant training and workshops.
- Good communication, interpersonal and leadership skills.
- Excellent english language skills with an IELTS score of 7.5.
- Ability to manage difficult situations, make decisions and resolve issues through teamwork.

Reference

References available on request.