

Franklin Antony

Dedicated software engineer with a passion for solving problems and building awesome products. Willing to take up challenges and solve them under a professional team.

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Education

- *September 2020 - September 2021(expected)*
Currently pursuing MSc in Computer Science
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

Experience

Software Engineer, Esper.io, Bangalore, India - October 2019 to September 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.
- Single handedly built one of the top used features, ie. devices list views with actions, filters, sorting and other functionalities.
- Joined the company as Intern and then promoted as a Software Engineer..

Co-Founder and Freelance Developer, Roundmelon Studio, Kochi, India - March 2016 to April 2019

- Developed freelance projects for various clients.
- Notable project were TEDx RSET Official website, online portal for billing software, Techfest website etc

Software Development Engineering Intern, Cactus Pro Software, Kerala, India - May, 2018 to August, 2018

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

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

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

Core Team Member, Mozilla Kerala, Kerala, India - 04/2018 to Present

- Actively participated and contributed towards Mozilla's Open Source activities.

Projects

- **MediDocs** - Blockchain for medical data access and permission management.
Technologies/Languages used: Hyperledger fabric, IPFS, Javascript, ReactJs and NodeJs
- **TaxiDB** - A Uber clone with more DB focussed features built for scalability and tuned it for better reading and writing performance.
Technologies/Languages used: MySQL and MongoDB
- **Vita** - Gene-based personal health recommendation app.
Technologies/Languages used: ReactJs, NodeJs, Consumption of REST API (GenomeLink API).
- **The Pict** - the photo-sharing app with CRUD operations.
Technologies/Languages used: Ruby on Rails, Javascript, HTML and CSS
- **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

Languages and Tools

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

- **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

Mr Kiran Anto

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Bangalore, India

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