Jason Praful **Francis Xavier**

FULL STACK DEVELOPER · COMPUTER SYSTEMS ENGINEER

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Summary

- Final year Computer Systems Engineering student.
- 2+ years of commercial experience as full-stack developer (MERN,React Native, Node.JS, Python, Tensorflow, Keras, PHP, Java, C++)
- DevOps focused with CI/CD (Jenkins, GitHub Actions), Docker, Kubernetes, Packer, Terraform.
- Cloud qualified with strong bash, CLI skills and security and immutability principles.

Work Experience

Vodafone Group
Newbury, UK

DEVELOPER IN PMO (INDUSTRIAL PLACEMENT) · *Jul. 2019 - Aug. 2020*

- Full-Stack development of PMO Document Portal with over 750+ users weekly. Implemented several API Micro-services in Node.JS
- Architected and developed an end to end internal process completely which generated over £2M+ in revenue within 6 months of launch.
- Agile approach in building an overall Document Recommendation system using modern deep learning frameworks which is used to analyse and recommend across 1000+ documents and provide an appropriate project flow based on users history.
- Developed an overall server maintenance infrastructure for the team using Docker, GCP(Google Cloud Platform) Stack with CI/CD pipelines, focusing on high reliability, fault tolerance and auto-scaling.
- Handled 5+ customer-facing projects in PPMO with regular interactions to deliver high-level work.

Pawcket.in
London, UK

FULL STACK DEVELOPER (CONTRIBUTOR) · *Dec. 2019 - Present*

- Full-stack end to end software development of the Pawcket.in Mobile application using the MERN architecture and React Native (Pawcket.in in Google Play & Apple App Store).
- Provisioned an easily accessible hybrid immutable infrastructure(DigitalOcean + On-Premise) utilizing Packer, Terraform & Anisible. Fully automated CI/CD pipelines using Jenkins.
- Implemented RESTful API service for integration with third-party clients and e-commerce inventory maintainance.
- Built and tuned a neural network to predict the type of injury or the breed of over 100+ animals using Tensorflow.JS.
- Utilized PM2 to deploy a centralized monitoring environment to gather system metrics and errors.

Otermans Institute (Oiedu.co.uk)
London, UK

FRONTEND DEVELOPER (INTERNSHIP) · *Sep. 2020 - Oct. 2020*

- Rebuilt the entire website and added LMS functionality on top of Wordpress.
- Integration of Live Zoom Meetings into LMS.
- Integration of RESTful APIs to Admin dashboard to track operations and user analytics.
- Performed deployments, upgrades, configuations in a controlled, pre-production and production environment with tight operating parameters.

Union of Brunel Students
London, UK

STUDENT TRUSTEE · *Apr. 2019 - Oxt.2020*

- Ensuring UBS is functioning effectively - Legally, Financially and Strategically - Overseeing the direction of the Students Union and monitoring the achievement of it.
- Making sure the students union is a democratic, Student-led organization with fair representation and equal opportunity of all members.
- Allocation of work to the senior staff of the organization and support the union to focus on improvement and efficiency by setting targets.

Education

Brunel University London
London, UK

B.ENG - COMPUTER SYSTEMS ENGINEERING · *Sep. 2017 - Jun. 2021*

- First Year - 1st Class
- Second Year - 1st Class
- Third Year - 1st Class (expected)

St. Joseph's Pre-University College
Bangalore, IN

PRE-UNIVERSITY COURSE (~ A-LEVELS) (FINAL GRADE - FIRST CLASS) · *Jun. 2015 - Jun. 2017*

- Modules- Physics (A+), Chemistry (A), Mathematics (B+), Biology (A+)

Certifications

Apr. 2020   **Cloud Engineering with Google Cloud Specialization**, Google Cloud
Jun. 2020   **Full-Stack React Developer** , LinkedIn
Oct. 2020   **Deep Learning Engineer**, Edureka
Nov. 2020   **Cloud Solutions Architect**, AWS

Achievements

Jul. 2019   **Team Member - Brunel Balloon '006**, BBC
May. 2019   **CDEPS Rep of the year** , Union of Brunel Students
'18,'19,'20   **ECE Department Representative**, Union of Brunel Students
May. 2018   **Best "Fundraising campaign" of the year**, Santander Cycles
Dec. 2018   **3rd Place at MLH Hackathon**, GitHub @ Brunel University
May. 2018   **CDEPS Rep of the year (Nominee)** , Union of Brunel Students
May. 2018   **Bronze award for Volunteering**, Brunel Volunteers
Dec. 2017   **2nd Place Multi-Disciplinary Project**, Brunel University London

Technical Skills

Backend/Programming Languages	Node.JS, Python, Django, Java, PHP, .NET, Express, MongoDB, SQL, MATLAB, C, C++, Quartus II
Frontend	React.JS, Vue.JS, Angular, Redux, Typescript, HTML/CSS, jQuery
Deep Learning	Tensorflow, Keras, TFLearn, OpenCV, PyTorch
Machine Learning	Wit.AI, Google Cloud APIs, PredictionIO
DevOps	Docker, Jenkins, Terraform, Packer, Anisible, Kubernetes