Suhaib Khan London, E147TB

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Note: I've right to work in the UK (Exceptional Talent Tier 1 visa) and don't require sponsorship.

EXPERIENCE

- ### Picnic
  Software Engineer

  Amsterdam, NL
  Oct 2018 - Aug 2019

  ○ Built the cross-platform app in **React Native** used by the entire delivery fleet for making deliveries to customers.
  ○ Created a web dashboard in **React** with a overview of all deliveries and real-time location of delivery persons.
  ○ Used **TypeScript** for static type safety and built a decoder generator for run-time type safety.
  ○ Mentored an intern from a coding bootcamp and groomed him into a professional developer.

- ### Microsoft
  Software Engineer

  Bangalore, IN
  July 2018 - Sept 2018

  ○ Built a side-by-side search result comparison tool for Microsoft Teams in **AngularJS**
  ○ Added analytics that allowed the team to measure the performance of the new search API

- ### Zomato
  Software Development Engineer

  Gurgaon, IN
  Oct 2016 - June 2018

  Zomato Base (Point of Sale (POS) system for restaurants)
  ○ Built a **MongoDB** based logging system for monitoring user's journey and actions on dashboard.
  ○ Developed menu management system to manage multiple outlets efficiently from a centralized dashboard.
  ○ Created combo management system with automated pricing for products based on their original price.
  ○ Worked on the inventory management with automatic stock reduction based on predefined recipes.
  ○ Added caching to user permission module using **Redis** to improve page load time by 50%.

  Zomato Cashless (Order using Zomato app at Dine In restaurants)
  ○ Integrated the Zomato consumer app with the POS system that allows users to order from their own phone.
  ○ Built a two-way data flow system that allows changes to order from both the app and the POS system.
  ○ Built the APIs to create/update order from the app and push the data to POS system using **PubNub**.
  ○ Created **webhooks** to provide order status updates to app and push changes from POS system to the app.

- ### Google Summer of Code 2017
  Mentor, Classical Language Toolkit (CLTK)

  Remote
  April 2017 - Sept 2017

  ○ Mentored the project to build an annotations module for CLTK webapp.
  ○ Worked closely with the student and the other mentor to design a modular system.

- ### Archimedes Digital
  Web Developer

  Remote
  Aug 2016 - Sept 2016

  ○ Worked on developing an online catalog for museums using scans of various objects using **React**.
  ○ Developed a highly zoomable image viewer to high-resolution scans in detail.
  ○ Integrated **code linting** and setup **test suites** to be used across projects.

- ### Google Summer of Code 2016
  Classical Language Toolkit (CLTK)

  Remote
  May 2016 - Sept 2016

  ○ Built the CLTK webapp in **React** - a modern reading environment to study classical languages.
  ○ Created a REST API for CRUD operations using **Python** and **Flask**
  ○ Updated the webapp to provide definitions, translations and commentary along with the text.

- ### Aspiring Minds
  Research and Development Intern

  Gurgaon, IN
  June 2015 - July 2015

  ○ Developed a CRM-simulation module integrated into the employability assessment platform AMCAT.
  ○ Built the UI for the module from scratch and built the backend for question delivery and scoring.
  ○ Designed the database schema for the module compatible with the current platforms database.

Projects

- **Music Hub**: Android app that connects multiple devices via WIFI and plays music in all connected devices simultaneously to create a loud stereo-like sound effect.
- **Music Timer**: Android app that monitors phones movement to detect whether the user is asleep and pause music playback accordingly.

Open Source Contributions

- **CLTK**: Active member, worked on the CLTK Web app and CLTK API.
- **FOSSASIA**: Past contributor, worked on the Open Event project (both Server and Android app).
- **phpBB**: Past contributor, implemented a live search feature and fixed bugs.

Programming Skills

- **Languages**: Javascript, TypeScript, Python, Java, C++, PHP, SQL
- **Tools and Frameworks**: React, React Native, jQuery, Flask, Git, Android, Laravel, MySQL

Awards and Achievements

- **Hack @ NSIT 2016**: 1st Prize, developed an app to collect authenticated survey data using Iris Scanner.
- **Androidathon 2014**: 2nd Prize, developed an app to connect servicemen to households.

Education

- **Netaji Subhas Institute of Technology** New Delhi, India
  Bachelor of Engineering in Information Technology *Aug. 2012 – May. 2016*

Talks and Conferences

- **FOSSASIA Summit 2017**: Introduction to the Classical Language Toolkit and Archive Singapore
- **LinuxChix India Meetup**: How SSH Works? New Delhi
- **PyDelhi**: Dabbling with Decorators New Delhi