Suhaib Khan London, E147TB

Web://suheb.in | Github://suheb | LinkedIn://suhebk

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

Email: suheb.work@gmail.com

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- 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

Bangalore, IN

Software Engineer

July 2018 - Sept 2018

- \circ Built a side-by-side search result comparison tool for Microsoft Teams in ${f AngularJS}$
- $\circ\,$ 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)

- o 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.
- $\circ~$ 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)

- o 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

Remote

Mentor, Classical Language Toolkit (CLTK)

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

Remote

Web Developer

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

Remote

Classical Language Toolkit (CLTK)

May 2016 - Sept 2016

- \circ Built the CLTK we bapp in **React** - a modern reading environment to study classical languages.
- o 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

Gurgaon, IN

Research and Development Intern

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

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

OPEN SOURCE CONTRIBUTIONS

- <u>CLTK</u>: Active member, worked on the CLTK Web app and <u>CLTK API</u>.
- **FOSSASIA**: Past contributor, worked on the Open Event project (both <u>Server</u> 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

Bachelor of Engineering in Information Technology

New Delhi, India 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