

EXPERIENCE

- **PwC** London, UK
Software Engineer (Contractor) Oct 2019 - Present
 - Built a search microservice with **ElasticSearch** using Falcon (**Python** framework).
 - Worked on setting up the project infrastructure as code using **Terraform**.
 - Lead and maintained the deployment of various microservices on GCP using **Kubernertes** engine
 - Added token-based authorisation to microservices using **Keycloak** as the authorisation provider.
 - Worked on building a **Python** framework that drastically reduces the time to setup new microservices.
 - Maintained the frontend code of the application written in **React** by a third-party agency.
- **Picnic** Amsterdam, NL
Software Engineer 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.
 - Worked on the deployment strategy for the web application using **Kubernetes** on AWS
 - Mentored an intern from a coding bootcamp and groomed him into a professional developer.
- **Microsoft** Bangalore, IN
Software Engineer July 2018 - Sept 2018
 - Part of the team working on migrating Microsoft Teams to **React** from AngularJS.
 - 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** Gurgaon, IN
Software Development Engineer Oct 2016 - June 2018

Zomato Base (Point of Sale (POS) system for restaurants)

 - Built a prototype for a web-based version of the POS system using **React** for smaller businesses.
 - Worked on the web dashboard built with **Laravel** and **jQuery** for restaurant owners to manage their outlets.
 - Built the page templates using **Blade** templating engine with **HTML5** and **CSS3**.
 - Built a **MongoDB** based logging system for monitoring user's journey and actions on the dashboard.
 - Added caching layer to the 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 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
 - 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

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

- **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, HTML, CSS
- **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