

## EXPERIENCE

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- **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.
  - Mentored an intern from a coding bootcamp and groomed him into a professional developer.
- **Microsoft** Bangalore, IN  
*Software Engineer* 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** Gurgaon, IN  
*Software Development Engineer* 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** 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

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- **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

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- **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

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

## AWARDS AND ACHIEVEMENTS

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- **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

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

## TALKS AND CONFERENCES

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