

# Aakash Pahwa



I'm seeking an opportunity at a reputed organization that provides constant professional growth as well as allowing me to make valuable contributions to the success of the organization. My penchant for learning helps me quickly adopt new technologies and frameworks allowing me to have significant impact in a short amount of time.

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## EDUCATION

### B.Tech / Computer Science Manipal Institute of Technology, Manipal

07/2017 - Present

9.84

## WORK EXPERIENCE

### Software Engineering Intern Microsoft

05/2020 - 07/2020

*Achievements/Tasks*

- Worked on control & data plane security around Azure Kubernetes Service

### Summer Intern Tata Technologies

05/2019 - 07/2019

*Achievements/Tasks*

- Mobile app and backend API development for the company's internal healthcare [↗](#)

### Development Head IECSE - Official CS Club, Manipal

04/2019 - 05/2020

*Achievements/Tasks*

- Developed Aether, IECSE Members' Portal mobile app, and backend API - Events, notifications, tutorials, certificates. [↗](#)
- Worked on Code Portal - IECSE's competitive coding platform - backend API and judging remote code execution engine. [↗](#)
- Developed OffCodeBox, an offline competitive coding app for IECSE events. [↗](#)
- Managed and developed several competitive coding, online scavenger based events and their apps. [↗](#)
- Held several workshops, talks, competitions and projects.

### Category Head System Admin (College Fests)

11/2018 - 04/2020

*Achievements/Tasks*

- Worked on the main dashboard backend handling several thousand users, financial transactions, food token system.
- Developed the Judge's portal for scoresheets and results of various events as well as various management web portals for the proper functioning of the fest.

## SKILLS

Algorithms

Data Structures

OOP

Java

Python

C++

JavaScript

HTML & CSS

Golang

Node.js

Flask

Nginx

MySQL

MongoDB

Firebase

Docker

Kubernetes

Android

Flutter

Basic Crypto

OpenCV

Networking

DevOps

## ACTIVITIES

### Smart India Hackathon '19

- Grand Finalist, Patient Case Similarity, Natural Language Processing

### Smart India Hackathon '20 [↗](#)

- Virtual tourist guide mobile app, College winners

### ICPC [↗](#)

- Asia Kharagpur Regionals 2019 - 53rd place

### Back to the Future [↗](#)

- Competitive coding platform for technical category for college fest

### Kick Start 2020

- Google Coding Competitions - Round B - 770th place

### Mellow

- Internal Management app for IECSE - Registration, Attendance and Events

### Simple [↗](#)

- Simple solutions for diverse problems - SMS based billing, OpenCV based glucose level detection, Activity-based Social Network

### Competitive Programming [↗](#)

- Active on multiple competitive coding platforms
- Top-level finishes at multiple college coding events - IECSE Codesprint 1.0, 2.0, Winter Code Season '18, Level Up, IEEE Online Coding, Offline Coding

### Big Data & Data Science - Coursera

- Big Data Modelling, Management, Integration, Processing by University of California San Diego
- Data Processing and Cleaning, Applied Plotting & Charting, Applied Machine Learning, Applied Text Mining by University of Michigan