

Aayush Chaturvedi

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EDUCATION

BITS PILANI

HYDERABAD CAMPUS

B.E. IN CHEMICAL ENGINEERING

Expected- May 2019

Current Cum. CGPA: 7.85

DELHI PUBLIC SCHOOL

Ghaziabad, UP

XII | 2014

PERCENTAGE: 90.4 | PCM

GREEN FIELD PUBLIC SCHOOL

Ghaziabad, UP

X | 2012

CGPA: 10

HANDLES

Github:// aayush4vedi

Codeforces:// @parivraajak

CodeChef:// @parivraajak

StackOverflow:// @4vedi.aayush

COURSEWORK

RELEVANT COURSES

Data Structures & Algorithms

(Teaching Asst.)

Database Management System

Object Oriented Programming in C++

Operating Systems

Computer Networks

Discrete Mathematics

Data Mining

Data Storage Tech & Networking

MOOCS COMPLETED

Full Stack Web Developer

Android Developer

UI-UX Designer

SKILLS

LANGUAGES

• C/C++ • JavaScript • Ruby

FRAMEWORKS

• NodeJS • Rails • ExpressJS

• ReactJS • React Native

FAMILIAR

• HTML • CSS • GIT • AWS • GCP

• JSON • Android • PHP • SQL

• MongoDB • k8s • LaTeX • Photoshop

INTERNSHIPS

NESTAWAY | Full-Stack Software Development Intern

Jun 2018 - Nov 2018 | Bangalore

- Working in various **Micro-services** that serves different verticals of NestAway.
- Build **Linguini** : a service to handle video upload and keyword detection in it. Consists of a **React Native** app for user and an admin side web-app written in **NodeJS**, detecting keywords using **Google Speech API**.
- Integrated **Sentry** for error-tracking in the gRPC calls. Used by the team daily.
- Codebase revamps & refactoring in for inter-service migrations.

Github Link : <https://github.com/aayush4vedi/linguini>

BARC | Software Development Intern

May 2017 - July 2017 | Bhabha Atomic Research Centre, Mumbai

- Worked in a team of 3 to build an **Office Management System** - a web interface with basic CRUD functionalities for employee, committee and meeting management.
- **Minor Project** : A telephone directory android app. Used in org regularly.

Project Link : confidential

PROJECTS

SWIFIIC Sustainable WiFi in Indian Context

Aug 2017 - Dec 2017 | under Abhishek Thakur, faculty-CS dept., BITS

Worked on implementation of a **Disruption Tolerant Network** based android platform to deprioritize internet for rural areas.

- Upgraded build system, rewrote deprecated code.
- SWIFIIC stabilization / porting and creating new APIs.

Project Link : www.swific.in

DATA MINING PROJECT

Apr 2018 - May 2018 | under Aruna Malapati, faculty-CS dept., BITS

Implement **Apriori Algorithm** on large transaction supermarket database in **C++** to:

- Find the most frequent itemsets corresponding to different support values.
- Generate all association rules with various values of minimum confidence.

RESEARCH

FLOATING CONTENT | UNDERGRAD RESEARCH

Jan 2018 - March 2018 | BITS Pilani

Created a research study on **Floating Content** during annual college tech-fest.

- Successfully conducted an experiment with 50 participants transferring data over a radius of 1.2km.
- Publication submitted under mentorship of Prof Abhishek Thakur.

AWARDS

2017	top 11/76	ACM-ICPC, Qualification Round
2016	2 rd	Algomaniac @ATMOS16
2015	top 1%	BITSAT, among .2 million candidates
2014	Regionals	National Physics Olympiad NSEP

INTERESTS

Competitive Coding | Designing | Drawing | Reading | Poetry