

Ayush Vedprakash Agarwal

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<https://github.com/ayushbansal323>

OBJECTIVE

I want to work in a company which gives me the opportunity to apply my knowledge and observation capability into the real time application. I want to continue the processes of learning new things as I have got thirst for knowledge .

HIGHLIGHTS

Experience in application development using C , C++ , Java and Python .

Sound knowledge of UNIX internals.

Skilled Mass Communicator.

Good analytical and problem solving skill.

EDUCATIONAL QUALIFICATION

I am pursuing my Engineering degree in Computer Science from D. Y. Patil Institute of Technology, Pimpri (D.I.T)

Board/University	Institute/School	Exam	Year of Passing	Percentage	Class/Remark
Savitribai Phule Pune	D.I.T Pimpri	TE	2019	79.2	Distinction
Savitribai Phule Pune	D.I.T Pimpri	SE	2018	79.9	Distinction
Savitribai Phule Pune	D.I.T Pimpri	FE	2017	81.14	Distinction
Maharashtra HSC	Dr.D.Y.Patil ACS Junior College	12 th	2016	76.77	Distinction
Maharashtra SSC	Dr.D.Y.Patil Public School	10 th	2014	85.4	Distinction

TECHNICAL SKILL

Languages:

Procedural Language: C

Object Oriented Language: C++

Virtual Machine based Language: Java

Scripting Language: Python

Database: MySQL, MongoDB, SQLite

Operating System: Windows NT Family, Linux Distributions

Frameworks: Django, Flask micro framework

Tools and Technologies: GIT, Heroku(PAAS), Travis CI(Testing and deploy)

PROJECTS:

Project Centric Mail

Technology: Python, Django framework, Google API, HTML & CSS.

Description:

- In this web based project the user account is connected to their Gmail account with the use of API.
- The user can see , read , write his email account in a more interactive way
- Mails are cluster according to their projects. It also provides the facility to identify spam mails and formal informal mails with the help of machine learning.

Usage: Company individuals/Student/Teachers can use this website for their daily mail interactions.

EMI Calculator

Technology: JAVA

Description:

- This project is a server based application.
- In this project on server side we accept requirement of client in terms of amount and perform the calculation based on that. Client receives all details about its EMI.
- On server side we handle multiple client requests using multithreaded architecture.

File Packer and unpacker tool

Technology: C programming

Platform: Windows or Linux

Description:

- In this tool we accept one folder from user and we can pack all regular files from that folder into one single regular file.
- While packing contents of file we can apply the encryption concept for data security.
- In this tool we can provide unpacker support in which we can extract all the files from that file and recreate it in same current or desired directory and unpack all the regular files.

Usage: While sending file through network instead of sending files separately we can pack those files from clients and unpack it on receivers end.

Other Curricular Activity:

- Awarded for coming first in SPPU SE Examination in Computer department.
- Technical Head of ACES (Association of Computer Engineering Students) 2016-2017.
- Attained NVidia Conference (Sep 2017) , Jet Brains Conference(27 April 2018) , WIDS preconference (16 March 2018)

Personal Details:

Date of Birth: 2/12/1998

Marital Status: Single

Nationality: Indian