europass

Curriculum vitae

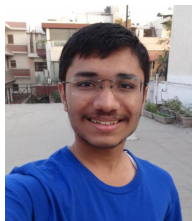## PERSONAL INFORMATION

Ajay Tripathi

- F - 37, Sector - 39, 201303 Noida (India)
- ajay39in@gmail.com
- atb00ker.github.io

Sex Male | Nationality Indian

PERSONAL STATEMENT

Stoic. Philosopher. Existentialist. Optimistically Nihilist. Snowdenist. Perfectionist. Programmer.
I am a software engineer who is passionate about supporting education system and meeting new people. I believe in free and open information / internet access for everyone.

Interested in oppertunties to contribute as:
♦ Web Developer
♦ System / Network Administrator
♦ DevOps

Talk to me about:
♦ Web Development Practices
♦ Free and Open Source Software (FOSS) Community
♦ Starting Software Engineering Journey

WORK EXPERIENCE

21 May 2018–6 Jul 2018

Computer programmer

Indian Institute of Technology, Bombay, Maha (India)

Spoken-Tutorial Project: spoken tutorials (spoken-tutorial.org) provides tutorial in 22 regional languages. To achieve this, tutorials are dubbed and video is stored at the server as 22 different videos, hence increasing data requirements for users if they wish to download tutorials in multiple languages.
I worked on saving space my saving only dubbed audio and silent video and stitching both at the time of delivery.
Result: About 60% less data requirement for users during download.
Web Development: Designed page for user testimonials.
Result: Administrator can show user testimonials on the main site.

Related document(s): FOSSEECertificate.pdf

EDUCATION AND TRAINING

20 Aug 2016–Present

Bachelor Of Computer Science & Engineering

EQF level 6

Amity University, Uttar Pradesh, Noida (India)

- Helped in establishing a Linux User Group.
- Worked as a mentor & helped in organizing events and workshop.
- Speaker in multiple technical events on topics including "Linux 101", "Getting started open-source", "Roadmap of software engineering".

Apr 2014–Apr 2016

Central Board of Secondary Education

EQF level 3

Ryan International School, Noida (India)

- Roller Skating City level: 6 Gold, 2 Silver and 2 Bronze Medals

- Football Team (2008-2011)
- Volunteer HelpAge India (Social Service)
- International Childrens Festival of Performing Arts
- 'A' division in National Graphics Championship (2008 & 2010)

PERSONAL SKILLS

Mother tongue(s)   English

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Hindi	C2	A1	C2	C2	A1
French	A1	A2	A1	A1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills   ■ Good communication skills gained through my experience as mentor in developer group of college & organizing / co-ordinating for workshop and organizing developer meetups.

Organisational / managerial skills   ■ Experienced in working in teams skill gained by being in the management team of developers' club in the college and working in teams on software development projects.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Digital skills - Self-assessment grid

Driving licence   AM, A1, A2, A, B

ADDITIONAL INFORMATION

Skills   ■ Web Technologies: HTML CSS, SASS, Javascript, node.js, Django, Flask, Progressive Web Applications

■ Programming Languages: Python, C, C++

■ System Administration: Git, Linux Systems, Ansible, Docker

■ Others: Machine Learning, Web Scraping, SQL

Projects

Ansible Matrix JANUARY 2018 – MARCH 2018

Made script for automation of installation of matrix synapse. It serves as basis for installation of matrix for various organizations and individuals

Web Scraping Application OCTOBER 2017 — JANUARY 201

Scraped data from various news websites and stored the information in a database server. Collected 12M+ records and used Machine Learning to classify and categorize the news.
Skills: Python(Scrapy, psycopg2, Flask, sklearn) , PostgreSQL, Linux Server Administration, Machine learning (LinearSVC, Naive Bayes, Logistic Regression)

Skills: Python(Scrapy, psycopg2, Flask) , PostgreSQL, Natural Language Processing

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Amity ALiAS Club — Web Application Development AUGUST 2017 — OCTOBER 2017

This open-source project was about building a web application for the ALiAS Club, A technical community in Amity University, Uttar Pradesh.

Skills: HTML, CSS, JavaScript, JQuery, Promise (Progressive Web Apps)

Amity Android Club — Node.js Server JULY 2017 — AUGUST 2017

 This open-source project was about building a web server for the Amity Android Club, A technical club in Amity University, Uttar Pradesh. The web server has features like administration accounts, multiple level of administration.

Skills: HTML, CSS, JavaScript, JQuery, Node.js

Amity Exposure Club — Website Development MAY 2017 — JUNE 2017

This open-source project was about building a website for the Amity Exposure Club, A photography club in Amity University, Uttar Pradesh.

The website features animation/tween.

Skills: HTML, CSS, JavaScript, JQuery, Kute.js

ATM Machine Simulation — C++

This open-source project is my High School Project, It is a C++ Application which has all the basic features of an ATM machine, including making/retrieving a account and deleting accounts.

ANNEXES ■

■ FOSSEECertificate.pdf

FOSSEECertificate.pdf 🔗

FOSSEE Fellowship 2018

Certificate of Fellowship

This is to certify that

Ajay Tripathi

from Amity University, Noida
has successfully completed FOSSEE SUMMER FELLOWSHIP 2018
from 21 May 2018 to 06 July 2018
at IIT Bombay under FOSSEE (Free and Open Source Software for Education).
During this tenure, he/she had worked on
Creation of single-video-multiple-audio module and Audio-Video testimonials module.

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Prof. Kannan Moudgalya
Project In-charge

fossee.in

IIT BOMBAY

MHRD
Govt. of India

Certificate issued by FOSSEE, IIT Bombay. To verify, scan the QR code or visit: https://fossee.in/certificates/verify/
This is an auto-generated certificate. No signature is required.

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