



# Agnibha Chandra

## Software Engineering Professional ( R&D )

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+91-(801) 735-4644

### CAREER OBJECTIVE

Seeking for a Software Developer position in a fast growing organization to utilize expertise in software development and testing, as well as deployment and support using agile development methodologies. Also a Data Science and Machine Learning Enthusiast and eager to explore such cutting edge technologies.

### WORK EXPERIENCES

#### Lexmark Internationa Pvt Ltd. ( KOLKATA R&D)

Dec 2020 - Present

##### Software Engineering Professional ( R&D )

- R&D Engineer for their on Premise product PPR - a signage printing platform used by leading retailers across globe
- Enhance localization feature- Developed localization for User input / Custom Data
- Works in Agile Environment
- Engaged with Several sessions and Seminar
- Focusing on cutting edge technologies like Data Science, Machine Learning and Artificial Intelligence

#### Capgemini India

Aug 2019 - Dec 2020

##### Senior Analyst

- Scrum Master as a Freshers Trainee
- Servicenow Technical Support and Administration

#### INRIA - FRANCE

May 2018 - Present

##### Research Intern

- Explore career opportunities at a French Government Institution
- Enhanced with several research skills
- Developed personal and Communication skill being working outside India

### PROJECTS

**Optimized Knowledge Based Scoring function for fragment based Protein ssRNA docking by optimizing the energy parameters**

URL: <https://raweb.inria.fr/rapportsactivite/RA2018/capsid/uid1.html>

- Worked in this project in Association with CNRS, University de Lorraine-Loria and INRIA - Nancy Grand Est, France
- Domain - Computational Biology
- Technology - C, Python, ScikitLearn, Machine Learning
- Improve a scoring function for fragment based ssRNA and protein docking using stochastic approaches

## Research Intern

### E-Commerce website

**URL:** <https://github.com/greatOutdoors-capgTeam12>

- Associated with this project as a part of Fresher's Training at Capgemini India
- Technology stack - JAVA, Hibernate, JPA, Spring, HTML, CSS, Javascript, Angular, Rest API
- Led a team of 12 as a Scrum Master
- Developed the Admin and authentication module

### Object Detection in a Video Stream using Single Shot Detector ( SSD) multibox and Deep Convolution Network

- Worked on this project as a final year undergraduated student at IEST shibpur.
- We have implemented real time object recognition from video stream using Deep Learning techniques SSD ( Single Shot multibox Detector)
- We have trained our Library using COCO Dataset
- Further e tried to optimize the module to obtain a greater variety of images for different aspect ratio

## Developer

### Finimata

**URL:** <https://finimata.github.io/>

- Domain : Compiler Design
- Technology Stack - C, Cython, Python, JS, HTML, CSS
- Finimata is a tool related to Finite Automata and other compiler Designing .
- Primarily designed to convert a regular expression to Finite Automata
- C Developer
- <https://www.geeksforgeeks.org/program-implement-nfa-epsilon-move-dfa-conversion/>

### Regularities of Chain Code for Digitized Straight Line in 2D Triangular Grid

- Implement the algorithms proposed by Dr. Hebert Freeman for Straight Line in Triangular

Grid.

- Responsible for Implementing a graphical interface to draw digitized line in triangular grid using python
- Proposed some regularities in the chain code of the digitized line which may further play an important role in data compression techniques

Python Developer

### WEB Development - Online Car Rental

URL: <https://github.com/angshumukherjee100/WebTechProject>

Technology stack - Python, Django, HTML, CSS, Javascript, Bootstrap

UI Developer

### SKILLS

- Java
- Angular
- MySQL
- REST API
- CSS
- Github
- Express
- Web Development
- Ui/UX
- coding
- Software Design
- JavaScript
- Mongo
- .NET
- HTML
- Node.js
- Jenkins
- Python
- Full Stack Development
- SpringBoot
- object oriented programming

### EDUCATIONS

College/school	University/Board	Degree/Standard	Passing Date	Percentage/Pointer
Indian Institute of Engineering Science and Technology	Indian Institute of Engineering Science and Technology	B.Tech.	2019	8.71
St Stephen's School Dum Dum	Council for Indian School Certificate Examinations	I.S.C	2015	94.25
St Stephen's School	Council for Indian School Certificate Examinations	I.C.S.E	2013	90.8

### PROFESSIONAL CERTIFICATES

- **Agile Software Development** - University of Minnesota ( Coursera ) - Issued on Jul 2020
- **Mean Stack Developer** : (Udemy) - Issued on March 2020
- **Developing Soft Skills and Personality** ( NPTEL ) - Issued on Sep 2017

- **Introduction to Machine Learning** ( NPTEL - IIT KGP) - Issued on Sep 2017
- **Introduction to Cryptology** (NPTEL IIT KGP) - Issued on Sep 2016
- **Programming Data Structures and Algorithms in Python ( NPTEL )** - Issued on Sep 2016
- **Introduction to Aurduino** - Mywbut.com Issued on Sep 2015

#### AWARDS & ACHIEVEMENTS

CEED 2020 ( IIT B) - **AIR 212**

IIST Shibpur B.Tech (IT) - Departmental Rank - **10**

Machine Learning ( NPTEL - 2017) - Gold Medal - **AIR 5**

JEE ADVANCE 2015 - **AIR 8316**

Science Olympiad - **Gold Medal**

#### PERSONAL INFORMATION

<b>Date Of Birth</b>	21-03-1997
<b>Country</b>	India
<b>Father's Name</b>	Amitava Chandra
<b>Marital Status</b>	Single
<b>Gender</b>	Male
<b>Languages Known</b>	English, Bengali, Hindi
<b>Hobbies</b>	Painting, Digital Painting, UX Design, Read, Short Film Making
<b>Strengths</b>	Quick Learner, Strong Analyzing Skills, Open Minded, Team Player, Self Focused
<b>Address</b>	EB-4/4, Labanya Green Apartment, Block - B, Flat-4D, Deshbandhunagar, Baguiati, Kolkata, West Bengal, India

I hereby declare that all above information is in correct with fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above mentioned particulars.

Date : 07/03/2021

Agnibha Chandra