

# Amritpal Singh

New Delhi

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## Education

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### IIIT DELHI

Bachelor of Technology in Computer Science

August 2018 - May 2022

CGPA: 6.16

### Raghubir Singh Modern School, L-2, Mohan Garden, New Delhi, Delhi

12th

2017 - May 2018

Percentage: 80%

### SS Mota Singh Senior Secondary Model School, A4C Janakpuri

10th

2015 - May 2016

Percentage: 80%

## Experience

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### SDE @ IIFL(India Infoline Limited) | 07/2022 - PRESENT

- Technology Stack – C#, ASP .net, Web API, MySQL, Microsoft SQL, Jira, Microsoft Azure, etc.
- As a Software Development Engineer at IIFL, I contribute to the development and maintenance of a Home Loan website. My responsibilities involve leveraging systematic workflows and data-driven processes to enhance the website's functionality and user experience.
- I have been involved in the entire software development lifecycle, from designing and coding to deployment and ongoing maintenance. Proficiently integrated essential features, including Google Maps, photo verification, and face match capabilities, to ensure a comprehensive and secure user experience.
- Successfully implemented features like merging multiple documents, utilizing SAAS and PAAS services to optimize document handling, and generating SSRS Reports (Server Reporting Service) for streamlined data presentation.
- Actively expanded my skill set by developing various analysis models using Python to extract valuable insights and support data-driven decision-making.
- Effectively incorporated third-party libraries, such as iTextSharp, to enhance document processing capabilities and create APIs for seamless data exchange.

### Teaching Assistant @ Pepcoding | 07/2021 - 10/2021

- Assisted students in coding languages such as Python and Java, as well as Data Structures and Algorithms, during my tenure as a Teaching Assistant.

### Android Developer @ Ananya Foundation | 11/2021 - 02/2022

- Developed a mobile application for booking free medical and educational services for individuals in need, serving as an Android Developer

## Projects

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### GO-TOURISM AND SERVICE

- Created a user-friendly website enabling flight searches and package bookings, encompassing flights, travel, and hotel reservations.

### Password Checker

- Developed a password security checker utilizing machine learning techniques. Analyzed password safety by cross-referencing against known breaches using Kaggle data

### Diversity Score using DSA

- Utilized Data Structures and Algorithms to evaluate Hollywood's diversity based on a tripartite graph. Analyzed extensive Hollywood data to assess gender and race-based discrimination.

### Technical Skills

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**Languages:** Java, C#, Python

**Technologies/Frameworks/Libraries:** ASP.NET, TSQL, MySQL, OOPS, REST API, Core Data, Data Structure and Algorithms, Frameworks, Jupyter notebook, Visual Studio, JIRA, TFS by Microsoft

**Technical Electives:** Data Structures And Algorithms, Operating Systems, Database Management Systems, Machine Learning, Android Development

### Profile Links

- Github link - <https://github.com/amritpal358>