# AKSHAY YADAV

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## EXPERIENCE

### SoftTech Engineers Limited
**Junior Software Associate**

📅 May 2022 - Present      📍 Pune,India

- Implemented feature 2D-Floorplan PDF Generator as a menu item which helps to generate the PDF report containing floor-plan of a building along with area tables and information related to specific floor of a building and then the architect can read the data and sign the document.
- *Technologies used:* C++ 11, C-Sharp, JSON, Hoops Publish SDK, Visual Studio, .NET, HTML

### Centre for Computational Technologies
**Software Developer Intern**

📅 Jan 2022 - May 2022      📍 Pune,India

- Implemented the algorithm using Object Oriented techniques for translation, Scaling up, Scaling down, rotate the 2D/3D object with the user input on a plane.
- Designed APIs using AWS API Gateway, AWS Lambda and .NET Core + C-Sharp with AWS SDK for the feature of CFS (Customer First Service) of SimulationHub which allows our support engineers to record failures at various stages after simulation with the help of DynamoDB and S3 interactions.

## EDUCATION

### Master's in Computer Science
**MIT ACSC Pune**

📅 2020 to Present      📍 Pune, India

- Current CGPA 9.80(3rd Semester)
- Learnt and Implemented core fundamentals of computer science

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### Bachelor's in Information Technology
**ICS College Khed**

📅 May 2017 - Oct 2020      📍 Khed, India

- Topped with CGPA 10.00 in 6th Semester

## ACHIEVEMENTS

- Ranked **176** among **4000** programmers in Code Sense Organized by *Indian Institute of Information Technology Allahabad* powered by *codechef* and *GFG*.
- Secured Global Rank **45** in *CodeChef SnackDown* **2021 Elimination Round.**
- Shortlisted for an interview after clearing *Airbus Aerothon 3.0* Organized by Airbus India on *Hackerearth*.
- Achieved Silver Badge (**4 star**) in Problem Solving on *Hackerrank*.

## SKILLS

- C, C++, Java, C-Sharp, AWS Lambda, AWS API Gateway, AWS DynamoDB
- Data Structures and Algorithms, Debugging,
- Visual Studio, .NET, Postman
- Problem Solving, Communication, Teaching

## PROJECTS

**Police Investigation System**

📅 C Sharp,.NET, HTML, CSS ○ **Github**

- Designed Web Application to manage the records of criminals as well as police staffs.
- Implemented CRUD operation on database so one can manage the data easily
- Implemented simple authentication for admin and users, various styled web forms such as adding and retrieving complaints, registered records, Entries, etc

**3D Object Processing**

📅 C++ 14, CodeBloacks

- This project helps to read and write the .stl file which contains the information about surface geometry of 2D/3D object.
- Implemented the algorithm using Object Oriented techniques for translation, Scaling up, Scaling down, rotate the 2D/3D object with the user input on a plane.

## PROFILES

- Codechef : **ady23617**
- Hackerrank: **ady23617**

## VOLUNTEERING

### STUDENT COORDINATOR
**ICS COLLEGE COMPUTER SCIENCE AND IT DEPARTMENT**

- Coordinated and Volunteered tech conference about real life importance of problem solving using data structures and algorithms for 140 students.