

ASWATTH

[Mail](#) | [GitHub](#) | [Hacker Rank](#) | [Play Store](#) | [Portfolio](#)

EXPERIENCE

Graduate Analyst, Barclays

August 2021 – August 2023

- Automating web-based applications using xUnit, Selenium and Xray
- Building custom reconciliation tools for automating data validations.

Graduate Intern, Barclays

June 2020 – July 2020

- BDD testing using Cucumber for spring boot application.
- Using Liquibase to manage database changes.

EDUCATION

Northeastern University, Boston, MA - [Mail](#)

September 2023 – Expected December 2025

Masters of Science in Computer Science

Madras Institute of Technology, India

August 2017 – April 2021

Bachelor of Engineering, Computer Science

Coursework: Calculus, Linear Algebra, Discrete Mathematics, Data Structures, Algorithms

CGPA: 8.54

Vivekananda Vidyalaya Junior College

June 2016 – May 2017

87.6% - Computer Savvy

Vivekananda Vidyalaya Junior College

June 2014 – May 2015

CGPA: 9.6

PROJECTS

Event management app

February 2018 – April 2018

- A flutter app developed for my college fest.
- Participants can scan QR code of an event to enroll.
- Participants can be notified about upcoming events and results of previously participated events.

Covid response app - [App video](#)

January 2020 – August 2020

- A flutter app developed for a national level covid hackathon.
- Ability to calculate infection spread and notify users about infected zones.
- Request or enroll for volunteer services.
- Native language support for each state.

Leaf disease classification

August 2020 – May 2021

- A disease classification model using CNN and YOLO.
- Achieved an accuracy of 97% in CNN on plant village dataset along with prediction of spread and severity using YOLO algorithm.

Class manager (Flutter)*August 2022 - November 2022*

- A mobile app to manage student information with an in-app SQLite database.
- Visualize performance of students and track payments.

Fantasyer*August 2022 - November 2022*

- Developed a fantasy helper application – to provide stats of players and teams to help build the right team on Fantasy.
- Scrapped data from cricsheet and calculated essential stats for batsmen and bowlers.
- Built front end using Stream Lit and deployed using Google sheets and Stream Lit.

Class manager (Angular)*February 2023 - April 2023*

- A web-based application with a dedicated backend using Spring boot and H2 database to manage student data.
- Track performance, importing and exporting data using excel, generate payment reports as PDF.

My Cash flow*April 2023 - June 2023*

- A flutter app to track and manage budgets with an in-app SQLite database.
- Visualize expenses.
- Track transactions.
- Allocate budgets and investments.
- Manage multiple accounts.

Mobile Games on Play Store

- Juggle – A 2D game which requires the player to keep the ball bouncing.
- Hole in the wall – Fit oncoming obstacles with correct shape.
- CURE – Game to demonstrate prevailing pandemic situations.
- Score It – A causal sports game to score goals before time runs out and unlock achievements.

ACHIEVEMENTS AND EXTRA CURRICULARS

<i>Recognized for picking out 150+ bugs in project, Barclays</i>	<i>2022</i>
<i>National level Covid hackathon – 2nd place</i>	<i>2021</i>
<i>German A1 level</i>	<i>2019</i>
<i>Intra-college football – 1st place</i>	<i>2018</i>
<i>Recognized as Computer Savvy</i>	<i>2017</i>
<i>Interschool science fair – 2nd place</i>	<i>2016</i>
<i>South zone football – 2nd place</i>	<i>2016</i>
<i>Swimming – 2nd place</i>	<i>2013</i>

SKILLS

Languages: C, C++, Java, Python, C#, Dart, HTML, CSS, JS

Databases: MySQL, Microsoft SQL Server, H2, SQLite

Frameworks: Spring boot, Cucumber, Liquibase, Flutter, StreamLit, Selenium, xUnit, Unity, Blender, Angular

DevOps: TeamCity, JIRA, Git

IDE: IntelliJ IDEA, Visual Studio, Eclipse

Area of interest: App development, Game development, Machine learning