

AASTHABARNWAL

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M.Sc - Mathematics and Computing

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Education

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| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
| M.Sc Mathematics & Computing | Indian Institute of Technology, Guwahati | 7.0 | 2022-2024 |
| B.Sc Mathematics Hons. | Patliputra University, Patna | 69% | 2018-2021 |
| Higher Secondary | CBSE Board | 79% | 2018 |
| Secondary | ICSE Board | 84.5% | 2016 |

# Projects

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| *•* ASK Realtor (Self-Guided) | *May 2023 - June 2023* |
| *Project Type: Web Application* | [Deployed Link](https://askrealtor.000webhostapp.com/) *|* [GitHub](https://github.com/aastha-barnwal/ASKRealtor.git) |

* This is an end-to-end Real Estate Website where Agents/Owners can post property and Customers can view and also Request an enquiry about the specified property.
* Mobile Responsive Website
* There are 4 major modules: (i) Login Module (ii) Property Module (iii) Enquiry Module (iv) Owner Module. **–** Tech Stack Used: PHP, MySQL, Bootstrap.

*•* Online Examination Portal (Team size : 02) *June 2023 - Aug 2023*

*Project Type: Web Application* [GitHub](https://github.com/aastha-barnwal/OnlineExamPortal.git)

* Build an end-to-end Rest API based Web application focused for students where students can take exams for different available required subjects.
* There are two major parts of this application (i) Spring Boot Application API, which is backend portion of this application and secured by JWT Token and Filter (ii) Angular, frontend portion to use those Spring APIs’ and build views.
* Tech Stack Used: Angular, Spring Boot, MySQL.

*•* Dehlezz Drop (Team size : 03) *Ongoing*

*Course Project | Under: Prof Dr. Kalpesh Kapoor, IIT Guwahati* [GitHub](https://github.com/aastha-barnwal/DehlezzDrop.git)

* A Web Application for food delivery which connects customer and restaurant within a single platform and help them in ordering and managing the orders.
* There are two major parts of this application (i) Restaurant, where restaurant managers manage their profile, receive orders, etc. (ii) Customer, customer can register/login to the portal and order food from their favorite restaurant.
* Tech Stack Used: HTML, CSS, PHP, MySQL.

# Technical Skills

* Programming: C, C++, Java
* Web Technologies: HTML, CSS, PHP
* Database Management:MySQL

# Key courses taken

* Computer Science:Data Structures & Algorithm, Database Management Systems
* Mathematics: Linear Algebra, Optimization Technique, Probability, Numerical Analysis, Real Analysis etc

# Achievements

* Geeks for Geeks:Secured Rank Under 150 among 4000+ IITG students on GFG. [Profile](https://auth.geeksforgeeks.org/user/kasyapah0vh)
* IIT JAM:Scored AIR 242 in IIT JAM (Mathematics).
* IISER:Selected in IISER Kolkata for M.Sc. (Mathematics).

extra curricular

* Saathi Counselling Cell, IIT Guwahati *Aug 2023 - Present*

**–** Mentor, currently mentoring four juniors under the Peer Mentorship Program as a part of Saathi Club

*•* Successfully completed a course on OOPs using C++ with NIIT *Nov 2019 - Jan 2020*