

Pratham Bhatia

Pre-Final Year B.Tech | Information Technology | IIIT Allahabad
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EDUCATION

UNDERGRADUATE (IT)

IIIT ALLAHABAD | EXPECTED 2025
CGPA: 8.61/10.0

INTERMEDIATE (CBSE)

D.C. MODEL SENIOR SECONDARY
SCHOOL | 2019
Percentage: 94.6/100

MATRICULATION (CBSE)

D.C. MODEL SENIOR SECONDARY
SCHOOL | 2017
Percentage: 92.6/100

COURSEWORK

UNDERGRADUATE

- Data Structures
- Design and Analysis of Algorithms
- Object Oriented Methodologies
- Database Management System
- Operating Systems
- Computer Networks

SKILLS

PROGRAMMING LANGUAGES

- C/C++
- JavaScript
- Python(familiar)
- Java(familiar)

FRAMEWORKS

- Node.js (Certified🔗)
- React
- Handlebar
- PHP
- Socket.io (familiar)
- GraphQL (familiar)

DATABASES

- MongoDB
- MySQL

OTHER

- GitHub
- Docker
- GitHub actions (automation)
- oAuth authentication

CODING PROFILES

- LeetCode (knight, max-Rating-2062)🔗
- Code-forces (Specialist, max-Rating-1490)🔗
- Code-chef (max-Rating(old)-1917, max-Rating(new)-1773)🔗

LINKS

- GitHub🔗
- Linked-in🔗
- docker-hub🔗

PROJECTS

EVENT MANAGEMENT SYSTEM [Github](#)🔗

- Our online event management system offers users the seamless ability to search, register for, and create events in an user-friendly manner.
- Implemented model-view controller (MVC) architecture for organizing the project initially.
- Implemented Handlebar's.JS (HBS) template engine in Front-end for easy integration of Back-end.
- The back-end of our online event management system has been co-authored using Node.js with the Express framework. We have employed the MongoDB as our database solution to ensure efficient data storage. Our implementation encompasses functionalities, including event creation, updates, deletion, as well as event registration and the ability to revoke registrations when necessary.
- Implemented the private event feature with the help of the unique code.
- Implemented the email notification feature using Node-mailer in which the user will get the success Email once he gets registered with the event.
- Implemented OTP authentication at sign-up.
- Implemented the server side sessions and applied security measures like https (self signed certificate) and headers protections using helmet library.
- Hosted the database on the cloud and created a docker Image to run the website in any environment.

CAB MANAGEMENT SYSTEM [GitHub](#)🔗 [website](#)🔗

- Developed a cab management website from the admin perspective, designed specifically for managers or owners. With our system, managers or owners can add, remove, and update drivers and cabs according to their specific needs. Additionally, they have the flexibility to assign cabs to drivers.
- Co-authored Front-end using react and bootstrap.
- Co-authored Back-end using Node-JS(Express), used Mongo-DB as a database and implemented addition, updates and deletion of both cab and driver.
- Implemented dynamic form validation at client side alongside email already exist check.
- Used client side session and JSON web tokens (JWT) for authentication.
- hosted the database on the cloud and created a docker Image to run the website in any environment.
- Hosted the website on render.

ASSIC COLLEGE ALUMNI WEBSITE (ONGOING)

- Developed an alumni website for college in which the website's admin has the ability to release events exclusively for registered alumni. Alongside this primary functionality, the platform also includes additional features such as a help-desk for alumni support and an event gallery for showcasing past events.
- Co-authored the Back-end using PHP and Front-end using bootstrap

ACHIEVEMENTS

- Achieved 764Th rank in google Kick-start 2022 round H **certificate**🔗
- achieved 69th rank overall and 2Nd rank in college in ACM-ICPC Kanpur-Mathura preliminary round.**rank-list**🔗
- Achieved knight badge on LeetCode and currently having the best rating of 2062(top 2.06 percent)**profile**🔗
- Achieved best rank of 323rd overall in LeetCode biweekly contest-102
- Achieved place in top-8 in Afourthon development hackathon.
- Achieved best rank of 4006 (99.64 percentile) in JEE mains 2021 session.**scorecard**🔗

POSITION OF RESPONSIBILITY

WEB DEVELOPMENT HEAD, ASSIC (ALUMNI SANGAM STUDENT'S INTERACTION CELL) TEAM | AY 2023- PRESENT

- Developing and monitoring overall ASSIC official college website.
List of heads🔗

EXTRA CURRICULAR

- Basketball U-17 State level player from Punjab Zone. **certificate**🔗
- Won Railway zonal essay writing competition. **certificate**🔗