Shikhar Bind

Roll No.:200108049
B.Tech - Electrical and Electronics Engineering
Indian Institute Of Technology, Guwahati

+91-9648852059
b.shikhar@iitg.ac.in
shikhar.bind2010@gmail.com
LinkedIn | Github | Portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.84 (Current)	2020-Present
Senior Secondary	CBSE Board	85.6%	2019
Secondary	CBSE Board	9.6	2017

PROJECTS

- **Campus Rush**   *Oct. 2021 - Feb. 2022*
  Coding Club, IIT Guwahati   Itch.io
  – Programmed game mechanics, scoring system, player movement and animation, UI and integrated different models with the programming interface to create a virtual recreation of IIT Guwahati using **Unity Game Engine**.
  – Created Authentication System and linked game with **MySQL** Database using **PHP** as a bridge between C# and MySQL to create an online realtime leaderboard.
  – Worked on synchronisation of events across the server and multiple clients for a multiplayer prototype of the game using **Unity Netcode**.

- **OLX Clone**   *June 2022*
  Coding Club, IIT Guwahati   Website | Github
  – Created a trading system and managed user's profile, product's information and authentication using **Django** to make a website where one can sell or buy a used product.
  – Designed Layout and User Interface using **Bootstrap**.

- **Cepstrum Website**   *May 2021 - Nov. 2021*
  Cepstrum, IIT Guwahati   Website | Github
  – Used **Bootstrap** and **CSS** to update Layout and User Interface of webpages of the cepstrum website.
  – Worked in back-end of the cepstrum website using **Django** framework.

TECHNICAL SKILLS

- **Programming**: C, C++, C#, Python
- **Web Development**: HTML, CSS, Bootstrap, Javascript, PHP, Django
- **Database Management**: MySQL
- **Game Development**: Unity Game Engine
- **Miscellaneous**: Game Design

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing, Computing Laboratory
- **Electrical and Electronics**: Principles of Electrical Engineering, Digital Circuits, Analog Circuits, Signals and Systems, Control System
- **Mathematics**: Linear Algebra, Probability & Random Processes

POSITIONS OF RESPONSIBILITY

- **Joint Secretary**, GameDev and Esports Club, IIT Guwahati   *May 2022 - Present*
  – Reinstated and heading GameDev module of the club to promote game development culture in IIT Guwahati campus and India.
  – Organized a game development course for beginners with participation of about 200 students.

- **Coordinator**, Coding Club, IIT Guwahati   *May 2021 - Apr. 2022*
  – Coordinated with other IITs to organize a nation-wide game jam to promote game development culture across the country.

ACHIEVEMENTS

- **Techevince 8.0**, Won **'Best Overall Project'** award for Campus Rush among 110 technical projects.   *2022*
- **Respawn Game Jam**, Secured **second rank** among more than 200 candidates in the Game Jam.   *2022*
- **Joint Entrance Exam Advanced 2020**, Secured All India Rank 5453 among 0.15 million candidates.   *2020*

EXTRACURRICULARS

- **Game Development Course**, Completed the Game Development Course of Coding Club.   *2021*
- **Cepstrum Webops**, Member of Webops team in Cepstrum.   *2021-22*
- **Cepstrum Mentorship Programme**, Mentored B.Tech freshers in the mentorship program for a year.   *2021-22*