Shikhar Bind

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B.Tech - Electrical and Electronics Engineering
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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**.

- **Devour!!** *Apr. 2022*
  For Respawn Game Jam, IIT Guwahati Itch.io | Github
  - Ideated and solely programmed the game mechanics, UI and other events to create a tower-defence game using **Unity Game Engine**.

- **Campus OLX** *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**.

TECHNICAL SKILLS

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

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing, Computing Laboratory
- **Mathematics**: Linear Algebra, Probability & Random Processes
- **Electrical and Electronics**: Digital Circuits, Analog Circuits, Control System
- **Coursera**: Game Design and Development, C# programming for Unity Game Development

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*