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
- **Tools/Frameworks**: Numpy*, Pandas*, Scikit-learn*
- **Miscellaneous**: Game Design*   ** Elementary proficiency*

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing, Computing Laboratory
- **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 begginers with participation of about 200 students.

- **Coordinator**, Coding Club, IIT Guwahati   *May 2021 - Apr. 2022*
  – Worked in PR and Workshop organization for Respawn Game Jam 2022, IIT Guwahati.
  – Worked in organization of 7 Days of Modelling, a 3D modelling contest.

ACHIEVEMENTS

- **Techevince 8.0**, Got best project award for Campus Rush among 110 research and technical projects.   *2022*
- **Respawn Game Jam**, Secured a position in top 1% 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**, Worked in Webops team of Cepstrum.   *2022*
- **Cepstrum Mentorship Programme**, Mentored 4 mentees in the mentorship program for a year.   *2022*