

Education

- Amity University**
Bachelor of Technology in Computer Science Engineering
CGPA: 8.74/10
Patna, Bihar
July 2021- July 2025
- St.Paul Public School**
12-th | Percentage: 79.8
Begusarai, Bihar
March 2018- April 2020

Technical Skills

- Programming Languages:** Java, Python, C++, C, Kotlin
- Android Development:** Android SDK, Android Studio
- Version Control:** Git, GitHub
- Database Management:** MySQL
- Software Tools:** Jenkins, Vs Code, Android Studio, IntelliJ Idea, Pycharm
- Operating Systems:** Windows, Linux

Projects

- [Reply App](#) | Mastering Adaptive Layouts with Jetpack Compose**
 - Engineered an Android application with adaptive layouts, ensuring **seamless user experience across diverse device sizes**.
 - Integrated **Jetpack Compose APIs** to create **dynamic layouts** that adjust to **Compact, Medium, and Expanded screen sizes**.
 - Utilised **Android SDK** and Jetpack Compose's built-in features to optimise performance and deliver an intuitive user interface.
- [Mars Photos App](#) | Leveraged RESTful web services to retrieve real-time images of the Martian surface captured by NASA's Mars rovers.**
 - Developed Mars Photos app using **Retrofit, Coil, and Jetpack Compose in Kotlin**.
 - Integrated with **RESTful web services** to fetch real-time Mars surface images from **NASA**.
 - Implemented **efficient image loading** with **Coil** and displayed them in a visually appealing grid layout using Jetpack Compose **LazyVerticalGrid**.
 - Employed robust **error handling** and **loading animations** for seamless user experience, catering to space enthusiasts globally.
 - Implemented **dependency injection** to **decouple dependencies** and enhance modularity. Conducted thorough **testing** by utilising **fake data**, significantly **reducing testing costs** while ensuring app functionality and reliability.
- [Unscramble App](#) | Mastering Android's Lifecycle States**
 - The Unscramble app is a fun **word game** where users have to **guess a scrambled word** and earn points for guessing correctly.
 - Engineered Unscramble App with **impeccable lifecycle state management** using **rememberSaveable** for seamless UI retention during configuration changes.
 - Crafted **robust architecture** with **ViewModel** and **StateFlow**, separating concerns into UI and data layers for clarity and maintainability.
 - Implemented **Unidirectional Data Flow (UDF)** for efficient data management, ensuring smooth flow of states and events.
 - Led ViewModel management, ensuring lifecycle-conscious data handling and delivering a captivating user experience through **dynamic word challenges**.

Internships

Akiyam Solutions Pvt. Ltd.

Vadodara, Gujarat

Jan 2023 - July 2023

- Successfully developed interactive game content during **Game Developer Internship**, contributing to the overall gaming experience.
- Successfully completed the internship with a [Completion Certificate](#)
- Spearheaded the development of game components, **resulting in a 17% improvement in user engagement**.
- **Collaborated** with the **design team** to implement innovative features.

Leadership Roles

- **Team Lead, Amity Coding Club**
 - Led a team of **6** members in organising **coding competitions** and workshops, fostering a collaborative learning environment.
 - Coordinated weekly coding sessions, resulting in a **24% increase in club membership**.
 - Successfully **organised a coding hackathon** that attracted **100+ participants**, enhancing the club's reputation on campus.
 - **Mentored junior members**, resulting in a **20%** improvement in team members' coding proficiency.
- **Student Coordinator, Amity Green Initiative**
 - Coordinated and executed multiple **environmental sustainability campaigns**, resulting in a **25%** increase in student participation.
 - Spearheaded a **tree-planting drive** on campus, overseeing the successful **plantation of 100+ trees**.
 - Implemented a **recycling initiative**, reducing campus waste by **15%** within six months.
 - Received recognition for **outstanding leadership, regular engagement** and **commitment** to environmental causes.

Extracurricular Activities

- Excel in **competitive FPS games**, showcasing **strong teamwork** and skills in online matches.
- Maintain a **competitive edge**, constantly **seeking improvement** and **adapting strategies** to excel in dynamic Valorant competitions.

Additional Information

- Willingness to relocate and **work on-site**.
- Strong **problem-solving, debugging** and **software testing skills**.