Raushan Kumar

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Education

- **Amity University** — *Patna, Bihar*
  Bachelor of Technology in Computer Science Engineering
  CGPA: 8.74/10
  July 2021- July 2025

- **St.Paul Public School** — *Begusarai, Bihar*
  12-*th* | Percentage: 79.8
  March 2018- April 2020

Technical Skills

- **Programming Languages**: Java, Python, C++, C, Kotlin
- **Web Development**: HTML, CSS, JavaScript, Bootstrap, Nodejs, React
- **Database Management**: MySQL, MongoDB
- **Software Tools**: Version Control Software(Git/GitHub), Vs Code, Android Studio, Intellij Idea, Pycharm
- **Operating Systems**: Windows, Linux

Projects

- [Social Media](#) **| Single Page Web Application**
  - Engineered **React components** to construct an interactive and responsive user interface, enhancing overall user experience.
  - Implemented **hooks** concepts to strategically **manage and control application states**, **optimising performance** and responsiveness.
  - Integrated the **DummyJson API** seamlessly to **fetch posts data** for social media, ensuring dynamic and up-to-date content presentation within the application.

- [MemoryManagementVisulaizer](#) | **Console C++ Application**
  - Programmed a **memory visualizer** in C++ adeptly, showcasing **real-time system memory** usage through intuitive visualisations.
  - Creatively generated visual representations utilising **dot files** and **PNG files**, providing insightful insights into complex memory data.
  - Effectively demonstrated real-time memory efficiency, highlighting **practical applications** and optimizations achieved through the developed visualizer.

- [Tip Time App](#) **| Android App using Jetpack Compose with Kotlin**
  - Ingeniously engineered an interactive tip calculator, designed to automatically **compute tip amounts** with user-friendly functionalities.
  - Skillfully implemented user-friendly features for **seamless service amount input** and precise tip calculation, enhancing the overall user experience.

Internships

Akiyam Solutions Pvt. Ltd. — *Vadodara, Gujarat*
Jan 2023 - July 2023

- Creatively 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.
  - Led 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 and commitment to environmental causes.

Extracurricular Activities

- Regularly engage in **competitive FPS** games, demonstrating exceptional skills and **teamwork** in a competitive online gaming environment.
- Maintain a **competitive mindset**, consistently **striving for improvement**, and adapting gameplay strategies to stay ahead in the dynamic and challenging environment of competitive Valorant.