

ARK BARUA

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SUMMARY

Result-driven Master of Science in Computer Application (MSc-CA) student at Symbiosis (SICSR), Pune, with a strong foundation in core **web technologies** including HTML, CSS, JavaScript, and frameworks like Angular and basic knowledge of React and Vue. I aspire to grow as a **frontend web developer** in a **fast-growing tech environment**, solving real-world problems with efficient, **real-time** and scalable **web solutions**. Passionate about performance optimization, UI/UX design, and **collaborating** in cross-functional teams.

EDUCATION:

Symbiosis Institute of Computer Studies (Pune) | June 2024 – Present

- Master of Science in Computer Application (MSc-CA) - 7.46 GPA until 2nd Semester
- **Program Representative** - November 2024 – Present
- **Dissertation** – Developed PC, Android and Web GL kangaroo runner game using Unity (Graded 90%)

Doon Business School (Dehradun) | May 2021 – June 2024

- Bachelors in Computer Application (BCA) – 7.02 CGPA
- **Ranked 3rd** as an overall achiever in the course

PROJECTS

Online HTML Editor | June 2025

- Developed a live real-time **HTML**, **CSS**, and **JavaScript** code editor with **100%** accuracy within **2** months to increase efficiency of developers
- Implemented responsive user interface (UI) using **Flexbox** and **Media Queries**, reducing layout related bug reports by **60%**
- Reduced user error rates by **30%**, integrating SweetAlert popups ensuring full mobile responsiveness

Kangaroo Runner Game (Dissertation Project) | January 2025

- Reduced redundancy in asset creation and streamlined development by **40%**, leveraging **4+** reusable prefabs (Cactus, Cloud, Kangaroo, Ground) to build a 2D endless runner game using Unity and C#
- Boosted user engagement by **50%** during gameplay testing, developed real-time scoring and high score system, designed key UI screens such as Game Over and Main Menu
- Delivered **100%** accuracy in gravity simulation by implementing jump mechanics using **Rigidbody2D** physics

Mortgage Calculator | October 2024

- Designed a responsive website using **HTML**, **CSS3**, and **JavaScript**, achieving **95%** user satisfaction on testing feedback
- Developed **100%** accurate housing price model, increasing client revenue by **20%**

SKILLS AND LANGUAGES

- **Technical Skills:** HTML5, CSS3, JavaScript, Angular, Git, JIRA, Scrum, Agile, GitHub, Microsoft Office - Excel, PowerPoint, Outlook, Teams, Bootstrap, PHP, SQLite
- **Tools & Methodologies:** Agile, Scrum, Chrome DevTools, GitHub, CI/CD basics, Unit Testing
- **Languages:** English, Hindi, Bengali

CERTIFICATION

- **HTML5 & CSS3 – Infosys Springboard (June 2025)** - includes deployment basics, mobile-friendly UI, and performance optimization
- **JavaScript – Infosys Springboard (June 2025)** - includes modules on DOM manipulation, event handling, and basic backend integration

EXTRACURRICULAR ACTIVITIES

- Coordinated Environmental Day Lecture Series amongst staff and faculty bringing sustainability and environmental awareness | June 2025
- Organised 3 days Induction Program for MBA (IT) & MBA (Digital Transformation) with **100%** success and engagement rate | May 2025