

# Adityaa Saha

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## Objective

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Seeking a summer internship in software development where I can apply my skills in programming, problem-solving, and learn industry best-practices.

## Technical Skills

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**Languages:** C, C++

**Web & Tools:** Node.js, Express, Git, VS Code

**Databases:** MySQL, MongoDB

**Frameworks:** React, Bootstrap

## Projects

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**32-bit RISC-V CPU Simulator (In Progress)** — Developing a 32-bit pipelined RISC-V processor simulator with a 5-stage pipeline (IF, ID, EX, MEM, WB) featuring hazard detection and forwarding. Future additions include cache simulation and branch prediction.

**Social Media App (In Progress)** — Building a full-stack social media platform using Node.js, Express, and MongoDB. Includes authentication, post creation, likes/comments, and responsive UI.

## Education

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**B.Tech in Computer Science and Engineering, IIT Bhubaneswar**

*Expected Graduation: April 2027*

## Positions of Responsibility

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- Core Member, Dramatics Society “The Fourth Wall”
- Event Management Team Member, Cultural Fest ”Alma Fiesta”

## Extracurricular Activities

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- Active member of the college football team
- Member of Dramatics Society, IIT Bhubaneswar

## Achievements & Certifications

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- Secured 2nd Place at Inter-Branch General Championship on Game Development

## Interests

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Data Structures and Algorithms