

Amlan Pulak Pani

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Education

B.Tech in Computer Science and Engineering

Centurion University of Technology and Management, Jatani, Odisha

Expected Graduation: July 2027

About Me

I'm a Computer Science student with solid Web2 development experience and interest in blockchain technology. I've built fullstack projects using React, Node.js, and MongoDB, and recently explored Web3 tools like Solidity, Hardhat, Ethers.js, and IPFS. Open to Web2 and Web3 roles, I aim to create user-friendly solutions and grow through real-world experience.

Projects

OnyxChain – Decentralized File Storage (Feb – Apr 2025)

Web3-authenticated platform with file upload, sharing, preview, and analytics. Developed Solidity smart contracts, configured Hardhat, and integrated Infura IPFS. Also implemented a seamless UI/UX using Tailwind CSS and connected on-chain logic with IPFS metadata.

Identity Verification Platform (Oct 2024)

Built a secure identity verification system leveraging decentralized authentication and user data validation. Focused on privacy, verification workflows, and a user-friendly interface to ensure trust and transparency.

Brainspark AI – AI Learning Platform (Feb 2025)

Built for students with document analysis, query support, and real-time sessions via WebSockets. Added personalized login for secure and streamlined content interaction.

Microblogging dApp – Celestia Network (Feb 2025)

On-chain social platform using Celestia's modular blockchain, enabling censorship resistant microblogging. Designed to store user interactions modularly and scale independently from execution environments.

Backlog Fee System – Avalanche (Aug – Oct 2024)

Built on Avalanche for decentralized management of university backlog payments. Integrated smart contracts to handle refund conditions and late fee logic securely.

Student Counselling App (Aug – Dec 2023)

Guided 10th–12th students with data-driven academic and career path suggestions. Implemented an intuitive interface and logic to process interests and recommend courses dynamically.

Experience & Certifications

Python Development Intern – Tech Octanet Pvt. Ltd. (Nov 2024)

Agoric Fast Hack – Bengaluru – Rise In / Agoric (Jan 17, 2025)

Avalanche India Bootcamp 2024 – CampusToCrypto (Sep 24–27, 2024)

Data Structures in C – Great Learning Academy (Aug 2024)

HTML & CSS Bootcamp – LetsUpgrade (Nov 7–9, 2024)

JavaScript Bootcamp – LetsUpgrade (Nov 11–13, 2024)