

M.DILLI BASKER

Roll No.: 110823104015

Bachelor of Engineering

Computer Science and Engineering

Chennai, TamilNadu

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GitHub Profile

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EDUCATION

- Jaya Engineering College, TamilNadu** 2023 – 2027
CGPA: 8.4/10 B.E. - Computer Science and Engineering (CSE)
- St. Joseph's Higher Secondary School, Tamil Nadu** 2023
Marks: 418/600 Board of Secondary Education - Class 12

PERSONAL PROJECTS

- AI Marketplace using Blockchain** Hackathon -
Developed an AI model marketplace using Ethereum blockchain, allowing users to upload, buy, and sell AI models securely, with ownership and transactions recorded on the blockchain.
 - Tools & technologies used: Ethereum, Solidity, React.js, IPFS, Node.js, MongoDB, Ethers.js, Tailwind CSS
 - Created a decentralized platform for AI model uploads, with smart contracts to track ownership and transactions. Integrated IPFS for decentralized file storage and Ethers.js for blockchain interactions.
 - Implemented a user dashboard displaying model details and wallet integration for seamless purchases.
- Decentralized Identity Verification** College Project
Developed a decentralized credential verification system using Ethereum blockchain, securely storing student details and graduation certificates, ensuring authenticity and preventing fraud.
 - Tools & technologies used: Ethereum, Solidity, React.js, IPFS, Node.js, Express.js, MongoDB
 - Implemented smart contracts to record student credentials on the blockchain and store graduation certificates on IPFS. Developed a React.js interface for credential verification.
 - Ensured the integrity of the stored credentials using cryptographic hashes, preventing data tampering and ensuring the system's security.
- College Mobile App for Attendance** College Project
Developed a mobile application for managing college attendance, integrating features for marking attendance, viewing reports, and managing student data. The app also provides notifications and updates on attendance status.
 - Tools & technologies used: React Native, Node.js, Express.js, MongoDB, Firebase, Google Maps API
 - Developed a mobile app that allows students to mark their attendance and view daily reports. Integrated Firebase for real-time data syncing and MongoDB for database management.
 - Implemented Google Maps API for location-based attendance marking and integrated a notification system for updates on attendance status.

TECHNICAL SKILLS AND INTERESTS

Languages : C, Python, Solidity, Java, JavaScript, Rust, C++

Frameworks : React.js, Next.js, React Native, Flutter, Spring Boot, Tailwind CSS, Bootstrap, Hardhat, TensorFlow, PyTorch, Truffle, Django, Node.js, Express.js

Cloud/Databases : MySQL, AWS, Railway, PostgreSQL, MongoDB, Firebase

Soft Skills : Problem-Solving, Teamwork, Communication, Leadership, Time Management, Adaptability, Critical Thinking, Empathy, Attention to Detail, Resilience

Coursework : Data Structures and Algorithms, Programming Fundamentals, Cloud Computing Basics, Mobile App Development, Database Management Systems, Computer Networks, Operating Systems, Blockchain Development, Web Development

Areas of Interest : Web Development, Blockchain Development, Mobile App Development, Smart Contracts, Cloud Computing, Artificial Intelligence, Cybersecurity

POSITIONS OF RESPONSIBILITY

- Blockchain Developer** College Blockchain Club
Researched and developed smart contracts; mentored juniors in Web3 basics. *Aug 2024 – Present*
- Hackathon Team Leader** National-Level Hackathons
Led a team of 4 members; handled project architecture, task management, and pitching. *Feb 2025*
- Open Source Contributor** Ethereum Web3 Projects
Contributed to DApps and NFT marketplace repositories on GitHub. *2024 – Present*
- Coding Club Organizer** College Coding Club
Organized coding contests, workshops, and project sessions for 100+ students. *Mar 2024 – Present*
- Workshop Speaker** Web Development Bootcamp
Delivered a session on React.js basics during a 5-day technical bootcamp. *May 2024*
- Hackathon Mentor** College Hackathon (Intra)
Mentored 5+ hackathon teams on project design and final demos. *Sep 2024*

ACHIEVEMENTS

- Hackathon Winner – National-Level Blockchain Hackathon** Led a team to develop a decentralized healthcare solution.
- Top Contributor – Ethereum Open Source Projects** Enhanced smart contract functionality and security for Ethereum.
- Published Research – Blockchain Credential Verification** Authored a paper on decentralized credential verification.
- President – College Blockchain Club** Led a 50-member blockchain club, organizing 10+ workshops, 2 hackathons, and a conference.
- Best Developer Award – AI Marketplace Project** Recognized as the best developer for pioneering blockchain-based AI applications.