

# 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

## 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

## 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.

# ACHIEVEMENTS

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- **Top Contributor – Ethereum Open Source Projects** GitHub Cont  
*Enhanced smart contract functionality and security for Ethereum-based DApps. Contributed 20+ merged pull requests on GitHub across multiple open-source repositories.*
  - Contributed to multiple Ethereum-based DApp codebases, enhancing gas efficiency and adding security fixes.
  - Collaborated with maintainers to improve code structure, add unit tests, and optimize Solidity smart contracts.
- **Published Research – Blockchain Credential Verification** Academic Pu  
*Published a research paper on decentralized academic credential verification using Ethereum and IPFS, providing a tamper-proof certification system.*
  - Proposed and implemented a smart contract-based system for storing academic data securely on-chain.
  - Paper published in [Journal/Conference Name]; addressed issues of data integrity, privacy, and authentication.
- **President – College Blockchain Club** Leadership R  
*Led a college blockchain club of 50+ members, driving education, innovation, and networking through events, workshops, and hackathons.*
  - Organized 10+ workshops on blockchain, smart contracts, and Web3 tools.
  - Facilitated 2 intra-college hackathons and built partnerships with industry experts and alumni.