

ROHINI PATARE

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Development Skills

Solidity, Ethereum, Hyperledger Fabric, Cryptography, Truffle, Hardhat, Defi, IPFS, web3.js, ReactJS, NodeJS, JavaScript, HTML, CSS, SQL

Project Work

- **Decentralized Application for Elections using Blockchain (2024):** The Decentralized Voting System using Ethereum Blockchain is a secure, transparent & cost-effective solution for conducting elections for tamper-proof voting records, enabling users to cast their votes remotely while maintaining anonymity and preventing fraud. The system implements a voting framework that utilizes ethereum's blockchain and smart contracts to achieve voter administration and auditable voting records.
- **Product tracking DApp (2024):** A decentralized application (DApp) powered by blockchain technology to streamline Product tracking & management processes. utilizes the transparency as well as immutability of blockchain to provide a secure and transparent platform for tracking goods at every stage of the product tracking & automates various tasks such as verifying product authenticity, recording transactions, and managing inventory in real-time.
- **File Storage & Sharing DApp (2024):** Developed a project that expedites decentralized File upload and sharing on the blockchain using Solidity for the smart contract and React for the front-end interface. It enables users to securely upload files to IPFS (InterPlanetary File System) and share access with specific users through smart contract functionality.

Certifications

- Professional Certificate Program in Blockchain Development by IIT Kanpur [View Cert](#)
- UI Design, Growth School [View Cert](#)
- Red Hat Certified Engineer (RHCE) [View Cert](#)
- Red Hat Certified System Administrator (RHCSA) [View Cert](#)

Work Experience

Makebot Robotics, Mumbai

2018 - 2020

- Associate Software Analyst

- Conducted comprehensive market research and analysis, presenting key findings using LAMP Stack to B2C e-commerce Marketplace for STEM products & services.
- Planned, developed, tested, deployed and Maintained user appealing website for organizational requirement into effective application design and System Development.
- Provided adequate troubleshooting & created proper documentation for reference purpose of each project with results & problems faced during requirement gathering till deployment on AWS.. This shortened learning time by 19 days
- Developed a scratch based application for block based robotic programming, Integrated microprocessor with microcontroller of robots using python & arduino C for communication in order to set up new capabilities.

Family Leave

2021 - 2023

- Provided 24/7 in-home care to my family during treatment for a medical condition until a full recovery.
- Completed Professional Blockchain Development Program from IIT Kanpur, Enhanced my Web Development skills by creating projects, completed certification, also explored UI/UX designing side.

Education

Bachelor of Engineering (B.E)

Computer Science and Engineering from Dr. BAMU University

2014 - 2018

74.06%

Awards & Achievements

- Tech Unicorn Award from Makebot robotics
- **JUDGE for National Robotic Competition MakeX**
- 2nd price in Smart India Hackathon, by Government of India