Divya Bhamerkar

SOLIDITY DEVELOPER – Web3 Integrations, EVM, & Gas Model Proficiency

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SKILLS

- **Blockchain Platforms & Tech:** Ethereum, EVM, Polygon, Avalanche, Cosmos for programmable ledgers.
- **Web3 Concepts:** DAOs, tokenomics, dApp design, consensus methods, Layer 2 chains, gas optimization.
- **Technical Analysis:** Evaluated whitepapers, protocol specs, and academic papers on blockchain systems.
- **Development Tools:** Hardhat, Remix, MetaMask, GitHub for compiling, testing, debugging, deploying code.

WORK EXPERIENCE

Frontend Developer   December 2021 – April 2022
WebbyButter Technologies   *India*

- Built 20+ mobile-first React.js modules with Tailwind CSS, boosting cross-device engagement by 18% across three releases while decreasing styling rework time by 22% over five interface segments for dApps and dashboards.
- Linked 12 smart contracts via Web3.js and RESTful APIs, enabling 10,000+ daily user transactions and reducing data latency by 30% across six blockchain-integrated app components deployed in live production environments.
- Deployed wallet flows using MetaMask and WalletConnect, increasing registration conversion by 15% and reducing bounce rates by 20% on entry and transaction screens over the first two post-launch months of operation.
- Executed unit tests using Jest and React Testing Library, reaching 85% code coverage and cutting rollback instances by 12%, with 18 high-priority bugs resolved across four development sprints and regression checks.
- Attended 10 sprint cycles using Jira and GitHub, delivering 15 contract-driven features while accelerating developer onboarding by 35% through documentation and structured walkthroughs with backend collaboration.

PROJECTS

RWA Tokenization Research – Blockchain Use Case Analysis
Research Analyst, Student Cohort

- Selected for cohort to explore how blockchain enables ownership records, peer handoffs, asset tracking by examining healthcare, supply chains, leasing, property, collectibles, infrastructure under token classification layers.
- Conducted in-depth analysis of healthcare tokenization, focusing on digital medical records, patient control, access logs, signature locking, provider transfer logs, and privacy protocols across regional health system setups.
- Identified traceability uses in warranty, logistics, food tracking by assessing raw material checks, record stamps, source tagging, carrier logging across diverse provider networks and delivery nodes for accuracy data validity.
- Co-authored a 2024 paper using Ethereum-based architecture, mapping smart contracts, timestamp flows, asset reuse flags, and audit visibility applied to legal verification, property contracts, registry chains, and records.

FarmChain – Blockchain Agriculture Platform
Frontend Developer / Project Manager, George Brown College

- Directed entire dApp lifecycle with React frontend, resulting in 25% increase in user adoption and 15% lower frontend expenses by managing builds across component libraries, API calls, and chain-based UI interactions.
- Managed sprint-based cross-functional team tasks with Jira, enabling 20% project efficiency gain and 10% shorter development cycle by resolving blockers, staging backlogs, and documenting sprint progress tied to delivery goals.
- Reduced stakeholder friction during critical product reviews by cutting delays 20%, raising satisfaction 30%, using update syncs, feedback loops, and delivery checkpoints to align milestones with evolving request timelines.
- Prevented $10,000 in recurring system issues by logging five risks, guiding developers, raising team output 15%, reducing turnover 20% through clear handoffs, design sharing, and scope change tracking in weekly updates.

Blockchain Research – Healthcare and Supply Chain
Blockchain Research Analyst, George Brown College

- Directed foundational blockchain study with 5-member team to evaluate applications in patient data privacy, pharmaceutical traceability, supply chain visibility, transfer security across networked service, product systems.
- Identified 10 targeted clinical use cases tied to patient data protection, logistics validation, pharmaceutical records by carefully comparing distributed architecture benefits, chain-of-custody formats, and audit-proof tagging.
- Analyzed 25 academic research papers using structured literature reviews to help evaluate 5 blockchain platforms across adoption models, interoperability factors, network complexity, and ledger protocol implementation.
- Co-developed a published research paper detailing blockchain's roles, risks, and future scope within complex supply chains and healthcare while contributing to international knowledge advancement through peer review.

EDUCATION

Postgraduate Certificate in Blockchain Development   September 2023 – November 2024
George Brown College, Canada

Postgraduate Certificate in Mobile Applications Development   September 2022 – September 2023
Georgian College, Canada