Darsh Shah

Blockchain Developer

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About

Innovative developer with a strong background in blockchain and full-stack web development. Experienced in leading projects from concept to deployment, with a focus on creating efficient, user-centric solutions and a keen interest in emerging technologies.

Skills

Technologies: JavaScript, React, NodeJs, ExpressJs, Solidity, jQuery, RESTful APIs, PWAs
Database: MongoDB, Firebase
Libraries: Web3Js, EtherJs, ThreeJs, Redux, TailwindCSS, Shadcn/UI
Deployment: Docker, Kubernetes, Jenkins, JMeter, Vercel, Heroku, Firebase
Design: Figma, AdobeXD, Adobe After Effects, Adobe Photoshop
Tools: Hardhat, Postman
Soft Skills: Content Creation, Critical Thinking, Public Speaking, Attention to Detail, Communication

Experience

Blockchain Research Lead, *Part -Time*   04/2024 — 08/2024
At **George Brown College**   Toronto, Canada
- Lead Team of 10 on RWA tokenization research in blockchain.
- Analyzing and interpreting trends in blockchain technology.
- Authoring a detailed research paper on project findings.
- Engaging with industry experts for insights and validation.
- Coordinating team efforts to meet project deadlines.
- Exploring innovative applications of RWA tokenization.

Blockchain Developer, *Co-op*   05/2024 — 08/2024
At **Aurkei Inc.**   Arizona, USA
- Led the development of Aurkoin (ARK) token and wrote Smart Contracts.
- Designed the tokenomics model for Aurkoin.
- Conducted research on blockchain Real-World Asset (RWA) tokenization.
- Developed the backend for Aurkei Mobile App.

Full-Stack Developer, *Full-time*   06/2022 — 06/2023
At **Aeropres India Private Limited.**   Ahmedabad, India
- Lead front-end innovation across Moramba, BreathEasy, and SilverlineNFT projects.
- Achieved a 13% performance boost in Moramba with React.js interfaces.
- Enhanced project efficiency through rigorous code quality enhancements.
- Crafted captivating UI/UX solutions, driving BreathEasy to the forefront of healthcare technology, and made significant contributions to a prestigious NFT Marketplace project using React, Web3.js, and EtherJS expertise.

Projects

EdBucks, *Blockchain Based Solution for Student Funding* ⧉   03/2024 — present
- Led the integration of blockchain functionalities using Solidity and EtherJS, enhancing DApp efficiency and user trust.
- Engineered responsive UIs with React, Tailwind, and Framer Motion for seamless user experiences.
- Orchestrated robust CI/CD pipelines using GitHub Workflows, Jenkins, and Kubernetes, improving deployment efficiency.

Blockexplorer ⧉   11/2023 — 12/2023
- Developed Blockexplorer using the MERN stack.
- Integrated blockchain functionality via web3.js and EtherJS.
- Implemented real-time transaction monitoring using React.js frontend.

HealthX, *IoT Basesed system*   01/2022 — 03/2022
- IoT based Remote Health Monitoring System For the measurement of bodily variables such the ECG, temperature, pulse rate, and oxygen level, it offers a solution. We are using a variety of sensors to collect data on human bodily characteristics.

Education

Post-Graduate(Blockchain), *George Brown Collage*   09/2023 — present
CGPA: *3.77 / 4.00*

Bachelor of Engineering (Computer), *Gujarat Technological University*   2018 — 2022
CGPA: *8.33 / 10.00*