

Adil Husain

Mohammadi, Uttar Pradesh, India - 262804

✉ husainadil202@gmail.com 🌐 Portfolio 📄 GitHub 🌐 LinkedIn 📞 +918604135956

Internship

Full Stack Developer Intern | **Techbug**

July 2024 - October 2024

- Engineered CMS dashboard increasing content update efficiency by 50%, integrating Google Analytics for real-time insights.
- Enforced JWT-based authorization with role-based access control, reducing unauthorized access attempts by 90%.
- Improved application performance by 65% through server-side pagination and nested child pagination strategies.
- Developed automated email system reducing manual notification processes by 100%, triggering alerts for newsletter subscriptions and low product quantities.

Projects

ClawPay | *ReactJs, FastAPI, Solidity, Lithic API, TailwindCSS, OpenClaw* | [Live Link](#) | [Demo](#)

Feb 2026

- Created secure autonomous payment layer for AI agents enabling purchases on any Visa/Mastercard website using single-use virtual cards backed by USDC in on-chain escrow on Arbitrum Sepolia, eliminating merchant opt-in, persistent card exposure, and human intervention while keeping full user control of funds.
- Designed Solidity escrow contract (user wallet signature only, zero custody), FastAPI backend with Lithic API for exact spend-limit single-use cards, and MCP server tools for seamless integration with Claude/OpenClaw agents via ethers.js.
- [GitHub Repository](#)

NeverPay | *NextJs, Solidity, AaveV3, LI.FI, Gemini, TailwindCSS* | [Live Link](#) | [Demo](#)

Feb 2026

- Built NeverPay, a DeFi-powered AI platform where users deposit USDC once to earn perpetual credits from Aave V3 yield farming for platform credits which can be used at the marketplace on things like image generation, conversion tools, etc, while retaining full principal withdrawal rights at any time (20% platform margin).
- Implemented YieldVault.sol smart contract on Base Sepolia for automated aUSDC yield accrual and credit minting (50 credits per \$1 USDC), cross-chain deposit bridging via LI.FI, real-time Next.js 16 dashboard with wagmi + RainbowKit, and secure API routes for Gemini AI.
- [GitHub Repository](#)

TAAS | *ReactJs, Solidity, TailwindCSS* | [Demo](#)

October 2025

- Built a decentralized escrow system for rental agreements on the TON blockchain, enabling trustless transactions between landlords and tenants with automated deposit management and smart contract-enforced terms.
- Constructed a yield generation mechanism that automatically stakes security deposits at 5% APY during rental terms, returning the principal to tenants and distributing generated yield to landlords, creating a mutually beneficial financial model.
- [GitHub Repository](#)

VIBE | *ReactJs, NodeJs, TailwindCSS, MongoDB, AWS Bedrock* | [Live Link](#) | [Demo](#)

November 2024

- Created an educational gaming platform featuring quizzes generated from PDFs, prompts, YouTube video links, or webpage URLs, along with a fact-checking game based on topic inputs using AWS Bedrock API's AI.
- Implemented a reward model to incentivize participants, where the game initiator deposits a predefined budget via their crypto wallet, calculated based on the number of questions, participants, and reward per score, boosting user retention by 30%-70%.
- Incorporated server-side caching using Redis to optimize data retrieval, reduce server load, and enhance response time.
- [GitHub Repository](#)

AIR | *ReactJs, Django, SQLite, WebSocket, TailwindCSS, Gemini API*

April 2024

- Constructed a real-time chat application using Google Gemini API for AI-powered message suggestions, image descriptions, and sentiment analysis.
- Made the auto chat suggestion based on the ongoing chat flow, tone and behavior, paving the conversations more fruitful and improving conversation efficiency by 50%.
- Incorporated sentiment analysis to provide insights into conversation tone, helping maintain professionalism in communication.
- [GitHub Repository](#)

Certificates

Data Structures and Algorithms | Boards Infinity - [Certificate](#)

October 2024

Technical Skills

Languages : JavaScript, Java, Python, SQL, CSS, HTML, Solidity

Frameworks & Technologies : Nodejs, Reactjs, PostgreSQL, MongoDB, TailwindCSS, Redis, Git, Linux Scripting, AWS EC2, AWS S3

Achievements

TOKEN2049 Origins hackathon Singapore - 3rd prize (\$1.5K)

October 2025

Somnia DeFi hackathon - 2nd prize (\$1.5K)

October 2025

Somnia mini games Hackathon - 2nd prize (\$100)

August 2025

Microsoft x InnoQuest Ideathon - 2nd position

September 2024

TRON HackaTron Season 7 - 4th prize (\$8K)

November 2024

Education

Computer Science Engineering - Lovely Professional University, Jalandhar-Punjab

Since 2022

Intermediate with Science - Doon Public School, Mohammadi-Uttar Pradesh

2019-2021