

AMBUJ TIWARI

Full-Stack Web3 Engineer | UI/UX Designer | SM Associate

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WORK EXPERIENCES

Web3 & Smart Contract Engineering

Apr 2021 - Present

Blockchain & Web3 Development

Made core interactions between the EVM, **Cosmos** and Solana ecosystems, overseeing smart contract deployment and asset routing.

Executed advanced protocol integrations, liquidity provisions, and yield strategies on decentralized platforms.

Technologies / Skills Used : remix, Arkm, Gitcoin, Dune, Nansen, Coingecko

Social Media Associate | Internship

Apr 2026 - Present

Judix

Hybrid • Remote

Working on the **Judix** platform, enhancing access to legal research for **lawyers** across the industry.

Technologies / Skills Used : figma, Sprout Social

Remote Sensing and GIS Intern | Internship

Jul 2025 - Sep 2025

India Space Academy

Remote • Remote

• **Specialized** in remote sensing applications and **geographic information systems** within the **space research industry**.

Technologies / Skills Used : Python, Rust, Solidity, Figma, AutoCAD, HTML, CSS, Office Suite

EDUCATIONS

IIT Patna

Jun 2024 - Jun 2028

Computer Science and Data Analytics

CGPA : 9.4+

PROJECTS

Univote

Feb 2025 - Jul 2025

Lead

• Engineered a **privacy-preserving registration system** using **zero-knowledge proofs** to securely map institutional emails to EVM wallets.

• Developed and deployed **immutable smart contracts** on the **Base EVM network** for **tamper-proof vote tracking**.

Astraai.studio

Feb 2026 - Present

Creator | Full-Stack Developer

• Developed a **cinematic, cross-platform Vedic astrology app** with an engaging **Glassmorphism UI**, with payment options of ETH and Solana

• Designed a **robust backend** utilizing the Swiss Ephemeris and AI agents for precise calculations.

Technologies / Tools Used : Astro, React, Node.js, Supabase

Cardwise

Creator | Full-Stack Developer

• **Core Systems**: Developed a **Python/FastAPI** backend and **Shadow DOM** extension for privacy-focused portfolio tracking.

• **POS Optimisation**: Created real-time yield logic to intercept checkouts and optimize card rewards using **MCC codes** based on the user's selected card portfolio.

• **Web3 Infrastructure**: Designed **zk-SNARK** verification (using **Circom/SnarkJS**) and **Rust/Anchor** pipelines for sub-400ms routing.

Technologies / Tools Used : firebase, typescript, git, solidity, shell, python, javascript

SKILLS

Databases :	Firebase, Supabase
Frameworks & Libraries :	Figma, HTML, CSS, AutoCAD
Languages :	Hindi, English
Programming Languages :	Python, Solidity, TypeScript
Tools & Platforms :	Office Suite, GitHub, Docker, Git, figma, autocad

LANGUAGES

- Hindi
- English

CERTIFICATIONS

Blockchain Bootcamp [Beginner + Advanced] – Code Eater (Issued June 2026) | Verification ID: 68790ad3cd0922fc86938e88

Getting Started with AWS Machine Learning – Amazon Web Services via Coursera (2020) | Credential ID: FED3M8YBMJTE

Google Cloud Platform Business Professional Accreditation – Google Cloud (2020) | Completion ID: 56134157

The Fundamentals of Digital Marketing – Google Digital Unlocked (2020) | Certificate ID: 9XW ZKA PGK