

# Haard Solanki

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## FullStack Developer | Blockchain Dev | Web3.0 Enthusiast

### Education

#### ITM (SLS) Baroda University

Gujarat, India

B.Tech in Computer Science Engineering

- CGPA: 9.16/10

### Work Experience

#### GoldPesa (WhiteBeard)

(Remote)

Jan 2025 – Present

**Software Developer** | Solidity, Base, Foundry, React, Docker, AWS

- Audited, tested, and optimized all core smart contracts for the GoldPesa ecosystem.
- Built a production-grade invoicing system supporting on-chain payments and token swaps via Uniswap v4.
- Refactored ecosystem infrastructure for Base L2, including contract deployments and Lambda API integrations.
- Led architectural design and implementation of a global backend system for multi-site operations.
- Automated ecosystem-wide workflows using n8n for tasks like social media posting
- Contributed to and extended the Pawn contract and Uniswap-integrated escrow system used across the GoldPesa ecosystem.
- Wrote system tools for CI/CD pipelines, Dockerized services, and secured cloud infra with IAM roles on AWS.

#### Sentio

Vadodara, India

Aug 2024 – Present

**Co-Founder** | Rust, AO, Arweave, React, Node.js

- Ideated, designed, and shipped a full-stack security and observability tool for Arweave-based infrastructure.
- Built a visual time-travel explorer for the Arweave Name System (ArNS) with diffs and historical audits.
- Secured a \$5,000 grant from Arweave within 3 days of MVP development.
- Leading a 3-member team to ship secure open-source tools for AO/Arweave developers.

#### DumDumDeploy

(Remote)

Jul 2024 – Sep 2024

**Backend Developer** | TypeScript, Node.js, Docker, GitHub Actions

- Developed backend services to automate Dockerized builds and deployments of GitHub repositories.
- Integrated CI/CD pipelines triggering on push events to enable seamless deployment.
- Focused on modular architecture and container orchestration for developer tooling.

#### Astro DAO

(Remote)

Jan 2024 – Feb 2024

**Blockchain Intern** | Solidity, AO, Orbit, dApps

- Wrote optimized AO contracts and created dApp templates using Orbit for simplified dev onboarding.
- Contributed to architectural discussions and documentation for protocol tooling.
- Prototyped a code audit automation system later evolved into Sentio.

### Skills

#### Web Development

#### Backend & Infra

#### Smart Contracts

#### Programming Languages

#### Databases & Caching

React.js, Next.js, Tailwind CSS, Zustand, REST APIs, GraphQL, AppWrite, Clerk Auth  
Node.js, Express, Docker, AWS Lambda, RabbitMQ, n8n, CI/CD (GitHub Actions)  
Solidity, Hardhat, Foundry, Ethers.js, Uniswap v4, Base, Arweave (AO)  
TypeScript, JavaScript, C/C++, SQL, Lua, Rust  
MongoDB, SQLite, Redis, RabbitMQ

### Projects

#### AbbyInvoice

GoldPesa

[GitHub \(Private\)](#)

On-chain Invoicing & Swap System | Used in production at GoldPesa

- Smart contract suite supporting USDC payments and USDC-GPX swaps via Uniswap v4.
- Used by internal ops at GoldPesa for invoice-based disbursement and automation.
- Integrated with Lambda + n8n for real-time payment flow automation.

**Solidity, Foundry, Uniswap v4, Ethers.js, Node.js**

#### Rewind

Sentio / AR.IO Grant

[GitHub](#), [Live Demo](#)

Visual Time Travel Explorer for Arweave Name System (ArNS)

- Built a visual interface to inspect historical state of ArNS entries with timeline diffs.
- Received \$5,000 grant from AR.IO Foundation within 3 days of MVP launch.
- Core contribution to Arweave dev tooling ecosystem.

**React, Rust, AO, ArNS, Arweave, Tailwind**

## Evencio

Hackathon Winner

### Marketplace for Concert Tickets with NFT-based Royalties & Resale

[Live Link](#), [GitHub](#)

- Won \$2000 bounty for solving ticketing, resale, and royalty enforcement for artists.
- Built smart contract flow with artist royalties, NFT-gated resale, and real payments.
- Used Spotify API to dynamically prioritize venue queueing.

**React, Foundry, TypeScript, Tailwind, Spotify API**

## Opus Stellar

Stellar Indiathon – \$1,000 Prize

### Buy and Own Land Parcels in Any Metaverse via Stellar

[Devfolio](#), [GitHub](#)

- Created unified land registry across metaverses using Stellar and LeafletJS.
- Handled purchase flow and asset ownership on Stellar testnet.

**React, Stellar SDK, Node.js, Leaflet, TypeScript**

## Ar-Support

Arweave India Challenges

### VS Code Extension for Arweave Devs

[VSCode Marketplace](#), [GitHub](#)

- Simplified development workflow for Arweave smart contracts within VS Code.
- Highly engaged tool in the Arweave ecosystem — led to HackerHouse invites.

**TypeScript, JavaScript, VS Code Extension API, Arweave**

## Awards & Achievements

Oct 2024	<b>Top 3 Launchpad Grant – \$5,000</b> , Arweave India Launchpad (Sentio)	Vadodara, India
May 2024	<b>2nd Place – \$1,000 Bounty</b> , Stellar Indiathon (Opus Stellar)	Online
Apr 2024	<b>Winner – \$2,000 Bounty</b> , Illuminati Hackathon (Evencio)	Online
Aug 2024	<b>2nd Place – Weaver’s Raid 3</b> , DumDumDeploy	Online
Aug 2024	<b>Invited to Arweave HackerHouse</b> , For contributions via Ar-Support VSCode Extension	Online
May 2025	<b>Core Developer, Production Invoicing System</b> , GoldPesa Ecosystem, used in live operations	Remote
Jun 2025	<b>FIX Protocol Trading Client Demoed</b> , Quant infra presented internally at WhiteBeard Trading	Remote

## Volunteer Experience

2023 – 24	<b>AI/ML Tech Core Team Member</b> , Google Developer Student Clubs (GDSC)	ITM University
2023 – 24	<b>Web Development Lead</b> , HexSociety – Student-Led Tech Community	ITM University
Sep 24	<b>Lead Organizer – GenAI Workshop (100+ attendees)</b> , HexSociety	ITM University
Feb 24	<b>Hackathon Mentor &amp; Judge</b> , ITM Coding Club Hackathon	ITM University
Oct 23	<b>Open Source Contributor (Docs + Dev)</b> , GirlScript Summer of Code (GSSoC)	Remote

## Publications

- **”Enhancing Color Perception: GANs and cGANs for Color Vision Deficiency”**  
Presented at *AI Fusion Conference*, [[View Paper](#)]