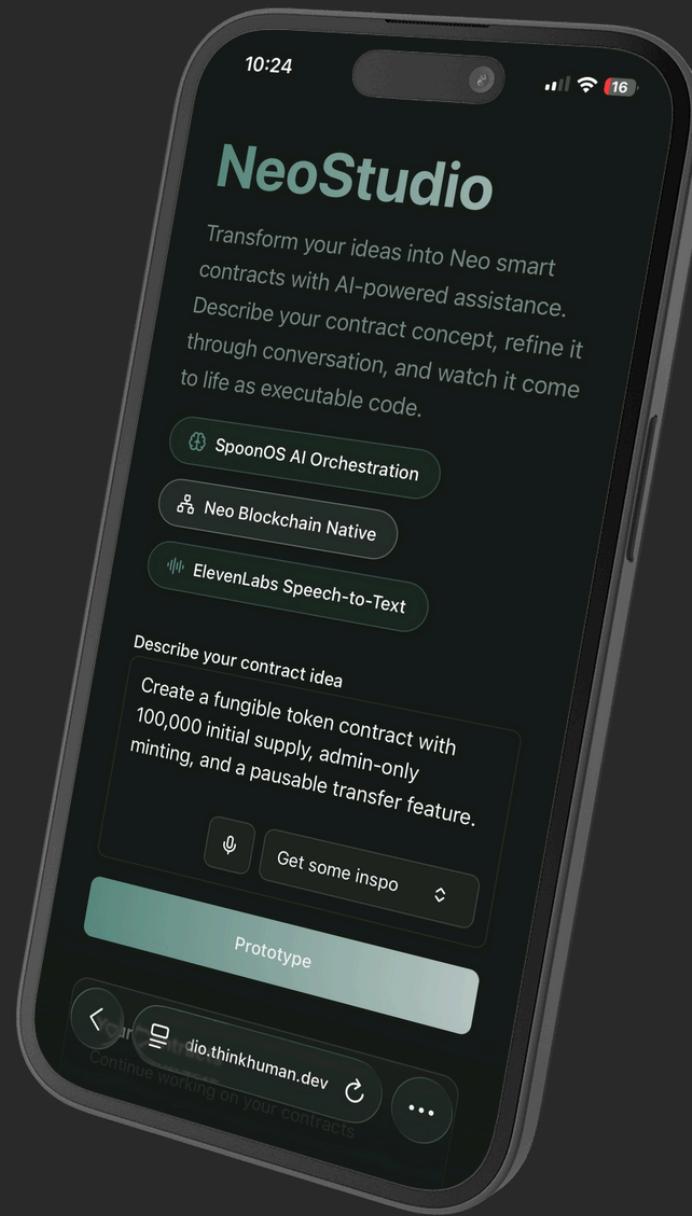


Hayden & Pralisha

SpoonOS

Neo

Eleven Labs



# NeoStudio

Transforming smart contract development into  
a no-code creative process

# The Wall of Code: Where Web3 Fails

## /1 Technical Complexity

Writing smart contracts is complex and requires highly specialised knowledge in blockchain security, and proficiency in specific programming languages.

## /2 Lack of User Friendly Interfaces

There are no intuitive, high-level interfaces that allow users to convert their ideas directly into a deployable, verifiable protocol.

**Web3's complexity is hurting its adoption**

# Our Solution: NeoStudio

NeoStudio is a Vibe Coding platform that uses a SpoonOS Agents to turn a user's natural language contract idea into a verifiable, deployable NEO smart contract.



NeoStudio allows users to use written or spoken prompts to create NEO smart contracts without prior Web3 knowledge, **cutting the barrier to entry**



Contract **development time is cut** from hours in an IDE to seconds via a natural language prompt



As a web app, NeoStudio needs no installs, environments, or complex configuration, so there is **zero setup friction**



Flowcharts are used to illustrate underlying logic, providing an intuitive, **visual approach** to smart contract development, **improving accessibility**

# Our Solution: NeoStudio

NeoStudio is a Vibe Coding platform that uses a SpoonOS Agents to turn a user's natural language contract idea into a verifiable, deployable NEO smart contract.



## Lower the barrier of entry

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## Rapid Development

Cut down time in the ide from hours to seconds.



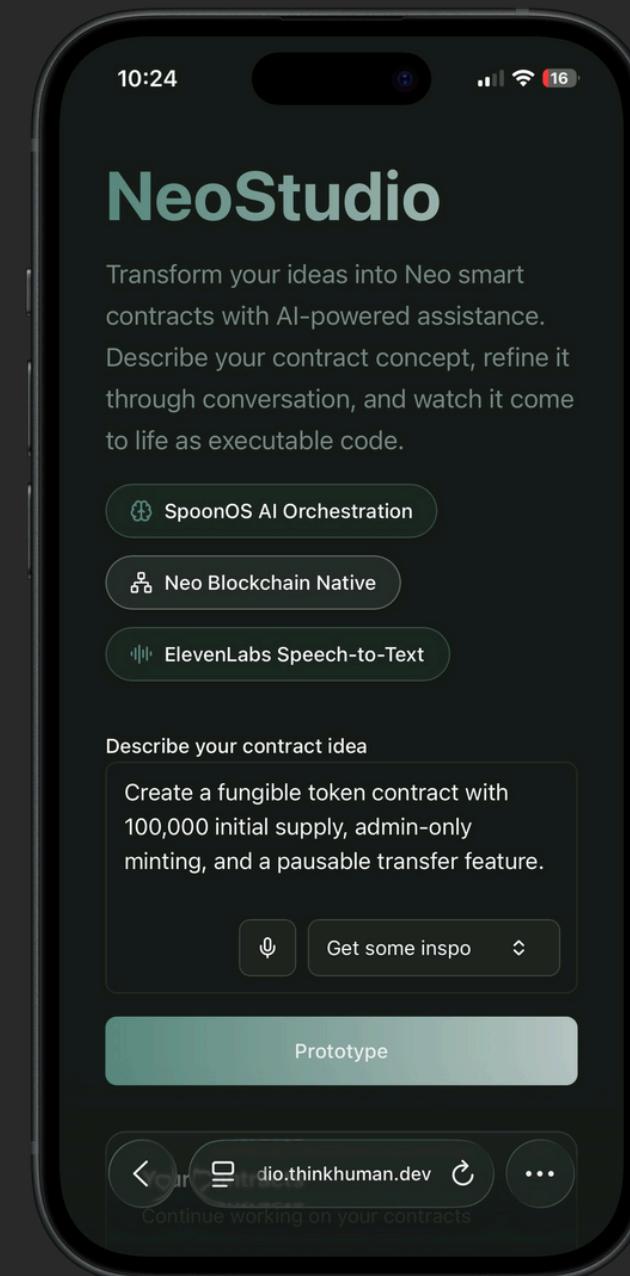
## Accessible to all

From voice inputs to hassle free deployment, NeoStudio can be accessed from anywhere on anything.



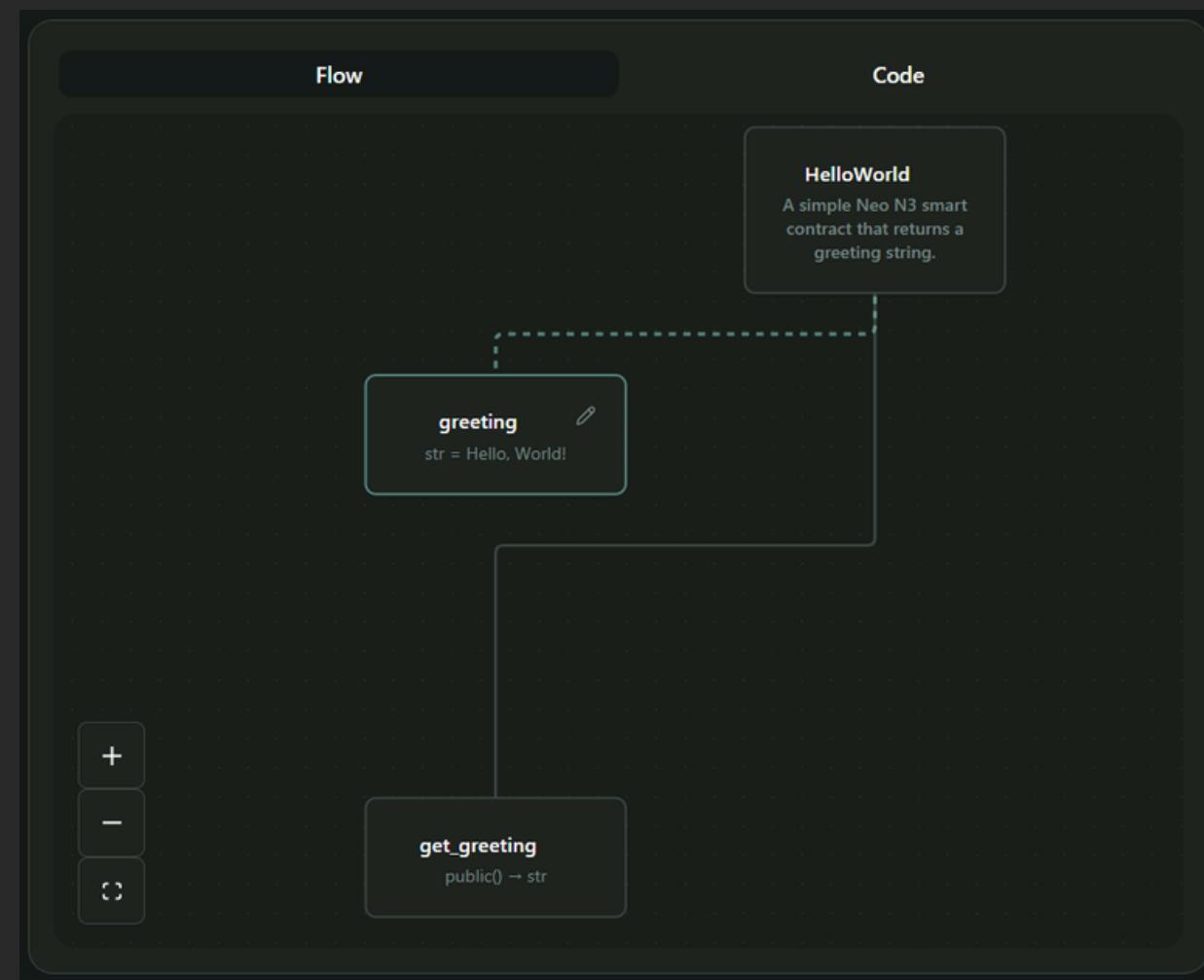
Flowcharts are used to illustrate underlying logic in an intuitive, visual approach to smart contract development.

# Our UI: Web3 made Easy



Spoken inputs supported

System logic visualised using flowcharts and code is hidden until needed by user



Relationships to parent nodes shown when node is selected

A screenshot of a modal window titled "Deploy Contract to Neo Network". The window contains four numbered steps: 1. "Prepare Your Contract" (ensure contract code is complete and generated), 2. "Export Your Contract Code" (click "Export Code Now" to download), 3. "Set Up Neo Development Environment" (install Neo development tools), and 4. "Compile Your Contract" (compile contract code into .nef file). Step 1 includes a "HelloWorld.py" code snippet. Step 2 includes an "Export Code Now" button. Step 3 includes a "For Python contracts" section with installation instructions for Neo Boa and Neo Python. Step 4 includes a "Compile your contract code into a .nef file that can be deployed" message.

Interactive guide included to help users deploy their projects

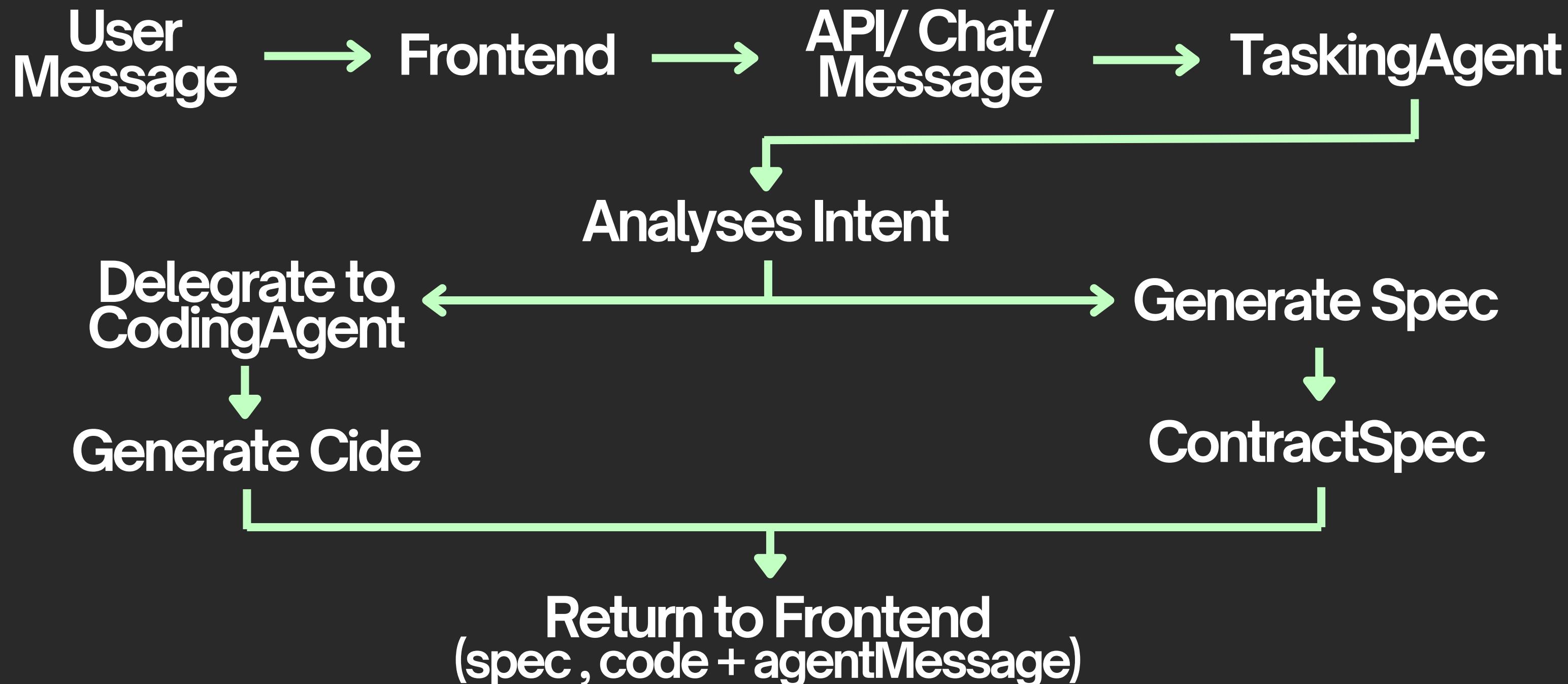
# Agent Intelligence: SpoonOS Orchestration

Rather than relying on generic LLMs, NeoStudio uses an orchestration agent and operates on a two-agent system powered by MCPs:

- **Tasking Agent (Orchestrator):** Analyses requests, generates structured specifications, delegates work
- **Coding Agent (Specialist):** Generates Neo smart contract code from validated specifications

This results in contracts that are minimised, secure, and ready for the Neo compiler.

# Our Workflow



# The SpoonOS Agent Flow

## Phase 1

### Prompt

Users can describe what they want by text, voice, or an existing spec. The system understands, interprets, and plans their contract for them using the SpoonOS ReAct Agent.

## Phase 2

### Refine

Neo queries, ElevenLabs voice processing, and AIOZ storage all run behind the scenes, allowing users to focus on refining their prompt with the ChatBot. A contract outline and flow chart appear on-screen to show their idea taking shape in real time.

# The SpoonOS Agent Flow

## Phase 3

### Deploy

The system finalises and validates the contract spec, and generates clean contract code with metadata. All results, including specs, code, Neo data, transcripts, and simulations, are delivered instantly through simple APIs.

Using Spoon-tools' AIOZ Storage, users can choose to save their chats and specs to re-visit any time.

# Meet the Team



## Hayden Bradley

Hayden is an advanced Software Engineering Msc student at King's College London with 4 years of industry experience as a full stack developer. They worked on the UI, ElevenLabs integration, and SpoonOS integration.



## Pralisha Shrestha

Pralisha is a final-year Aeronautical Engineering MEng student at Imperial College London. She worked on the UI design, connection layer between the front and backend, and the slide deck.

## Team Mission

Coming into this Hackathon, our mission was to abstract away the technical complexity of Web3, making smart contracts less daunting to approach.

With NeoStudio's intuitive UI and ease of use, we believe we have accomplished this mission.

# Thank you for listening