

NSP — New Star Player | Developer Setup Guide

Complete Setup & Workflow Integration

■ 1. Environment Requirements

• Node.js v18 or higher • Python 3.11+ • Git installed • Hardhat and NPM • Access to Infura or another RPC provider • Discord account for notifications

■ 2. Installation & Setup

1. Clone your repository: `git clone https://github.com/your-username/NSP-NewStarPlayer.git` 2. Install dependencies: `npm install` 3. Create a `.env` file in the root directory. 4. Fill in the details from the template below.

■ 3. .env Configuration Template

```
ETH_RPC_URL=https://mainnet.infura.io/v3/YOUR_INFURA_PROJECT_ID
ETH_PRIVATE_KEY=your_wallet_private_key
DISCORD_WEBHOOK_URL=https://discord.com/api/webhooks/...
INFURA_PROJECT_ID=YOUR_INFURA_PROJECT_ID
INFURA_API_KEY=YOUR_INFURA_API_KEY
SMTP_USER=your_email@example.com
SMTP_PASS=your_smtp_password
```

■ 4. Build & Test Commands

```
# Compile contracts
npx hardhat compile

# Run local tests
npx hardhat test

# Start a local blockchain
npx hardhat node
```

■ 5. Deployment (Sepolia / Mainnet)

To deploy on Sepolia testnet:

```
npx hardhat run scripts/deploy.js --network sepolia
```

To deploy on Mainnet (after testing):

```
npx hardhat run scripts/deploy.js --network mainnet
```

■ 6. Discord + AI Workflow Integration

Two workflows are provided in `.github/workflows/`: • `discord-bot.yml` → sends notifications on every push. • `heartbeat.yml` → sends daily AI Heartbeat updates. Ensure `DISCORD_WEBHOOK_URL` is added to your repo secrets.

■ 7. Troubleshooting

- Check that Node.js and Python versions meet requirements.
- Missing secrets: verify all values exist in GitHub → Settings → Secrets.
- Workflow errors: open Actions tab and view logs.
- Discord not updating: regenerate the webhook URL and update the secret.

■ 8. Developer Notes

- Keep main branch for production.
- Use feature branches for development.
- Always test contracts on Sepolia before deploying to mainnet.
- Never commit private keys.
- All workflows are safe — they only send public status messages.

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