



# WAYNE THORLEY

FULL STACK DEVELOPER

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## 👤 PROFESSIONAL SUMMARY

Full Stack Web Developer of 12 years working with stakeholders to plan, build and iterate SaaS platforms / integrated systems. Accustomed to fast-paced startup / scale-up environments that necessitate effective time management, problem-solving and consistently rising to new challenges.

## 💼 EXPERIENCE

### SENIOR DEVELOPER

Trust Box · Full Time

Sep 2022 – Present

Responsible for leading the build and iterative development of a suite of SaaS products spanning Web Apps, Mobile Apps, APIs, CRMs, and Data Visualisation Dashboards. Working with stakeholders to scope and plan new requirements, identify and resolve technical impediments and provide support to junior colleagues.

Core tech stack: PHP, Laravel, Python, React, Vue.

Duties: Hands-on technical leadership including project planning, task estimation, and quality assurance. Contributing features, identifying and rectifying performance bottlenecks, introducing test coverage and CI/CD pipelines. Conducting code reviews, providing support to junior developers, and collaborating with stakeholders to improve processes and reduce costs.

### DIGITAL MANAGER

Goodwin Group · Contract

Jan 2019 – Jan 2020 · 1 yr

Responsible for driving digital transformation and streamlining processes across the group businesses through development of internal systems and client facing applications.

Core tech stack: Laravel, Node, React

### WEB APPLICATION DEVELOPER

Self Employed · Contract

Aug 2012 – Sep 2022 · 10 yrs

Contract Web/Web3 Application Developer working with businesses of all shapes and sizes, bringing ideas to life through code.

## 🎓 EDUCATION

### OPEN UNIVERSITY

Fundamentals of Digital Marketing

2017

### NEWCASTLE COLLEGE

Web & Database Technologies · HNC · Distinction

2013 - 2014

### STAFFORDSHIRE UNIVERSITY

BA Social Work · First Class Honors (1:1)

2009 – 2012

## 🔗 SKILLS ASSESSMENTS

Passed 14 LinkedIn Skills Assessments. Notable Scores:

PHP Top 5%   MySQL Top 5%   HTML Top 5%   JavaScript Top 5%   React.js Top 10%   Node.js Top 15%

## ✂ TOOLING

### Proficiencies

- PHP
- Python
- Bash
- SQL
- HTML(5)
- CSS(3)
- SASS
- JavaScript(ES6)
- React
- Node
- RESTful APIs

### Frameworks

- Laravel
- Symfony

### Cloud

- AWS
  - EC2
  - S3
  - CloudFront
  - SQS

### Version Control

- Git

### Blockchain

- Ethereum / Solidity

### Preferred Stack

- Web
  - LEMP server
  - Laravel API
  - React SPA
  - Tailwind CSS

- Blockchain
  - HardHat
  - Ethers

## 🌐 WEB 3

- Smart Contracts
- NFT Minting
- dApps
- Marketplaces
- Tokens
- DAOs

## CONTRACT CASE STUDIES

# AIRTRAIN

### DESCRIPTION

Social networking, video-on-demand and live streaming service connecting fitness instructors and enthusiasts.

### KEY FEATURES

- Nginx RTMP server & node socket server providing remote (OBS->RTMP) or local (Browser->Node) live streaming
- Scalable VOD chunked uploads fed into FFmpeg stitching and encoding pipeline generating 360p, 720 & 1080p HLS streams
- AWS S3 content storage access controlled via CloudFront signed URLs
- Realtime notifications and direct messaging via Redis, socket.io and Echo
- User actions trigger feed activities such as "{user} watched {video}" or "{user} is now following {user}" etc.
- Other social features including posting, commenting, liking etc.
- Custom KYC flow for instructor onboarding integrated seamlessly and invisibly with Stripe Connect
- Instructors can create multiple, tiered subscription plans, setting their own pricing structure
- Customers subscribe directly to the instructor, choosing to pay with saved card, platform takes commission

### MY ROLE

Sole developer on the project, responsible for scoping, designing and building the entire system. Including:

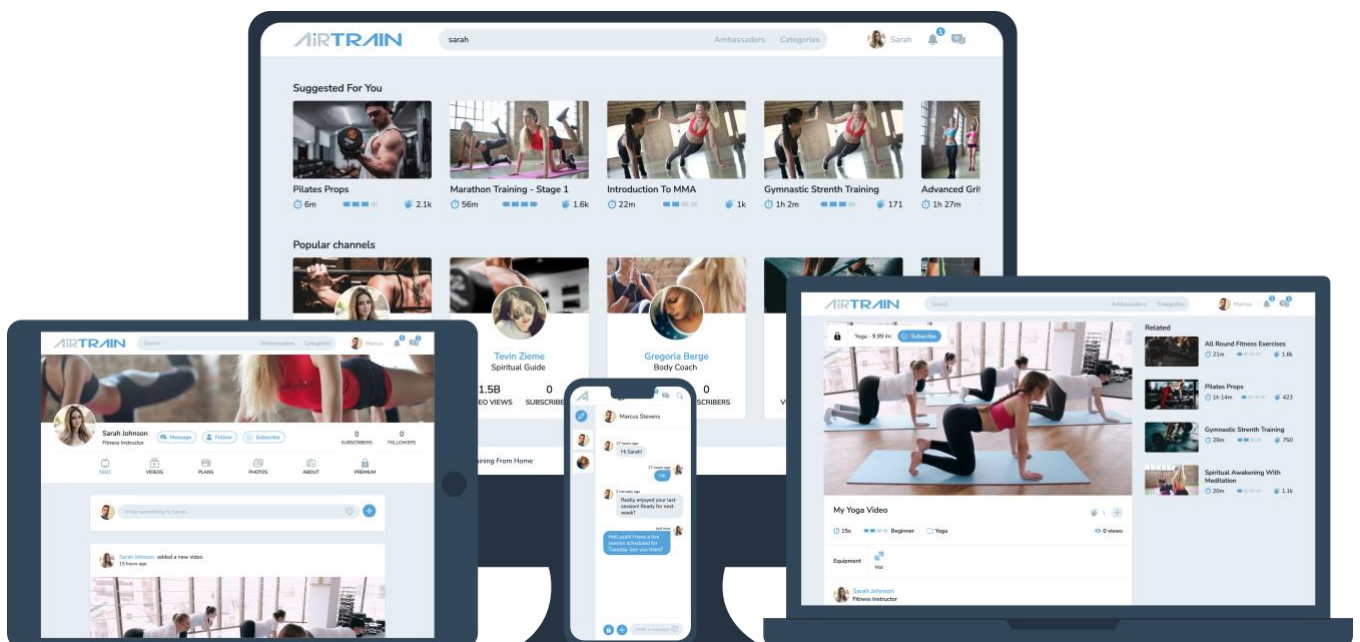
- UI / UX design
- All frontend code
- All backend code
- Database design
- Server build, operation and maintenance
- AWS S3 / CloudFront integration
- Stripe Connect / Billing integration

### TOOLING

Laravel, Tailwind, React, React Native (mobile app), Laravel Echo Server, Socket.io, Node, Redis, AWS, Envoy, Supervisor, Git

### TIMESCALE

4 Months





## DESCRIPTION

Blockchain-based, Web3 native social networking and content sharing application (think OnlyFans) with payments in cryptocurrency

## KEY FEATURES

- Owner controlled, gated content accessible via one-time payment or subscription
- Payments in ETH or APE, BNB, DAI, MATIC, WETH, USDC & USDT ERC-20 cryptocurrency tokens
- AWS S3 content storage access controlled via CloudFront signed URLs
- Realtime notifications and direct messaging via Redis, socket.io and Echo
- Other social features inc. posting, polls, quizzes, commenting, liking etc.

## MY ROLE

Sole developer on the project, responsible for scoping, designing and building the entire system. Including:

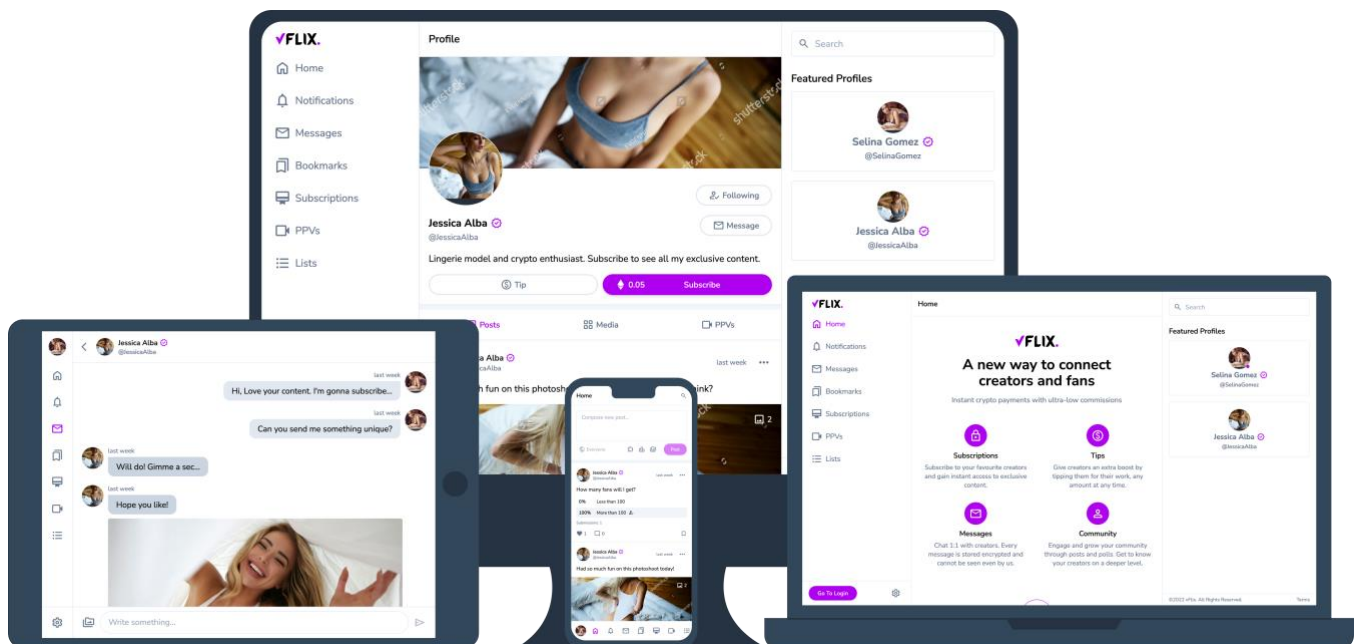
- UI / UX design
- All frontend code
- All backend code
- Database design
- Server build, operation and maintenance
- AWS S3 / CloudFront integration
- Smart contract coding and deployment on the blockchain

## TOOLING

Laravel, React, Tailwind, Node, Ethers, HardHat, Solidity, Redis, AWS, Envoy, Git

## TIMESCALE

3 Months





## DESCRIPTION

Price comparison and parcel delivery booking platform connecting customers to domestic and international couriers

## KEY FEATURES

- Custom place search / autocomplete JS module built upon Google's Places library incorporating user-saved addresses
- Quoting / booking engine providing API integrations with 8 couriers & parcel delivery services to 220 countries worldwide
- Scalable outbound email notifications via Mailgun
- Choice of payment via card (Stripe) or PayPal
- User account dashboard to manage orders
- Custom admin CMS backend to manage posts / pages

## MY ROLE

Sole developer on the project, responsible for:

- UI / UX design
- All frontend code
- All backend code
- Internal API design and 3<sup>rd</sup> party integrations
- Database design

## TOOLING

Laravel, JavaScript, Tailwind

## TIMESCALE

3 months

