

Head of Engineering -
Technical Architect
- Blockchain
developer



 LinkedIn

 Facebook  Github

 ProductHunt

EXPERIENCES

Head of Engineering

Structureflow LTD - Since August 2019 - Full-time - London - United Kingdom



Leadership and Management:

- ▶ Managed an 8-member in-house team of Fullstack developers and DevOps experts.
- ▶ Supervised third-party agencies, comprising 7 DevOps professionals and 3 developers.
- ▶ Successfully raised £4.5 million in funding and secured ISO27001 certification.

Technical Proficiency and Project Leadership:

- ▶ Led the design and development of infrastructure using Terraform, Helm, Kubernetes, and Azure.
- ▶ Directed frontend development leveraging React, WebSocket, and Pixijs.
- ▶ Oversaw backend system management and development, specializing in MongoDB (multi-location shards databases), PostgreSQL, and Node.js.
- ▶ Championed AI development utilizing spaCy and Python.
- ▶ Implemented integration of third-party APIs through Azure Functions.

Blockchain developer

Quant Network - June 2018 to July 2019 - Full-time - London



- ▶ Interoperability platform cross-blockchains
- ▶ Works on Ethereum, Bitcoin, EOS, IOTA, RIPPLE blockchain, Quorum, ETH pantheon, Corda, Hyperledger
- ▶ NodeJS development
- ▶ React + Redux development
- ▶ Dapps
- ▶ Web3
- ▶ Technical architecture
- ▶ Kubernetes
- ▶ Java development
- ▶ Blue-green deployment
- ▶ CI/CD with jenkins
- ▶ Microservices architecture
- ▶ Ruby On Rails development
- ▶ golang development

Blockchain developer / Technical architect JS

Appliedblockchain - January 2018 to May 2018



- ▶ Blockchain developer (Solidity)
- ▶ Smart contract management / deployment-
- ▶ Web3
- ▶ Dapps
- ▶ NodeJS development
- ▶ React + Redux development
- ▶ Technical architecture
- ▶ Kubernetes deployment
- ▶ Docker stack
- ▶ Blue-green deployment
- ▶ CI/CD with circleCI

Founder & CTO

Atchy - September 2016 to December 2017



- ▶ Easily onboarding/offboarding people in your company.
- ▶ Build an application in NodeJS/React-redux
- ▶ Build a full Vault for PCI Compliance & AES encrypt

As the Head of Engineering at StructureFlow, I lead a dynamic team of eight full-stack developers and devops engineers, pioneering cutting-edge solutions for the visualization and analysis of intricate legal structures. With over 15 years of deep-rooted experience in web and mobile development, I am a versatile, language-agnostic developer with the prowess to architect and construct technical blueprints from the ground up.

At my core lies a relentless focus on addressing both business and product challenges. I have hands-on experience in shaping product outcomes and always seek opportunities to align technology with user needs and overarching business goals.

My entrepreneurial spirit is evident. I thrive in disrupting the status quo, taking calculated risks, and spearheading initiatives that have the potential to transform industries. My venture into the blockchain realm in 2017 led me to collaborate with various open-source projects and startups, where I played a pivotal role in crafting decentralized applications tailored to tangible business needs.

I also bring to the table expertise in artificial intelligence, having worked extensively with Python and Spacy. The confluence of blockchain and AI intrigues me, and I'm committed to exploring its vast potential. My overarching mission is to harness my skill set and deep-seated knowledge to deliver trailblazing, high-impact solutions that not only elevate the legal sector but reverberate across diverse industries.

32 years old

Driving License

📍 London (nw9) United Kingdom

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- Blue-green deployment through LambdaCI on AWS
- Serverless processors (AWS Lambda)
- AWS api gateway
- Swagger documentation
- Webpack optimization

Technical architect / Lead developer / Devops

Clearbooks PLC - March 2017 to September 2017

- Architect & build a full spreadsheet accountancy application
- Build a NodeJS backend with TypeScript / ExpressJS
- Build an Angular frontend with TypeScript
- Blue-green deployment through Jenkins
- Docker stack
- AWS services (S3, Cloudfront, Route53, Ec2, ECS, ...)
- RAML documentation
- Webpack optimization

Technical architect / Devops

Kamet - July 2016 to February 2017

- Microservice architecture (10 microservices)
- Machine learning on a NodeJS/Python Chatbot
- Responsibilities:
 - Microservices architecture
 - NodeJS for the backend development
 - SocketIO (real time application)
 - React Redux for the frontend development
 - RabbitMQ
 - ElasticSearch
 - AWS
 - AWS Cloudformation
 - Blue-green deployment (with Jenkins)
 - MongoDB
 - PostgreSQL
 - loopbackJS
 - expressJS
 - Kong API gateway
 - React-native Android & iOS
 - Swagger documentation
 - Webpack optimization

Senior Fullstack developer / Technical architect

babylon health - February 2016 to July 2016 - Full-time - London - United Kingdom

- Symfony2 development
- Begin a Micro service architecture
- Kong API manager
- Chef
- Mesos
- AWS
- NodeJS
- AngularJS
- React Redux



Lead developer

Sportarian - April 2015 to December 2015 - Full-time - London - United Kingdom

- ▶ Symfony backend development of marketplace platform in full rest API:
 - ▶ Symfony2
 - ▶ Functional Test (Behat)
 - ▶ Unit test (PHPUnit, Phake)
 - ▶ Scrum
 - ▶ Full Continuous Integration process
 - ▶ ElasticSearch
 - ▶ RabbitMQ
 - ▶ MongoDB
 - ▶ NodeJS microservices
- ▶ Angular frontend development :
 - ▶ Sass
 - ▶ gulp

Senior Web Developer

IW - September 2013 to April 2015 - Freelancer - Londres - United Kingdom

- ▶ Symfony2 development of CRM - Stats platform in full rest API
- ▶ ERP + CRM + Stats platform :
 - ▶ Symfony
 - ▶ Functional Test (Behat)
 - ▶ Unit test (PHPUnit, Phake)
 - ▶ Scrum
 - ▶ Capistrano Deployment
 - ▶ Vagrant
 - ▶ Github
 - ▶ Codeship
 - ▶ RabbitMq
 - ▶ Redis
 - ▶ ElasticSearch
 - ▶ API HATEOAS
- ▶ Management :
 - ▶ It Recruitment
 - ▶ Creation of IT Aptitude Test

Web Developer

IW @Theodo office - March 2014 to June 2014 - Freelancer - Paris - France



- ▶ Symfony2 development of CRM application with HATEOAS API technology
- ▶ ▶ Symfony2
- ▶ Github
- ▶ Travis
- ▶ CoffeeScript
- ▶ Functional Test (Behat)
- ▶ Unit Test (PHPUnit)
- ▶ Vagrant
- ▶ Capistrano Deployment

Web Developer

Kompass International - July 2013 to August 2013 - Freelancer - Paris - France

- ▶ Full Wordpress development link to multiple editorials aggregator and mixed with JAVA application
- ▶ Skills :

- JAVA
- Wordpress
- API Restful
- Ajax
- HTML5/CSS3
- NoSQL



Web Developer

MyJobCompany.com - February 2013 to June 2013 - Freelancer - Paris - France

- Development of a MVC architecture from scratch & add security and functionality on the front
- Skills :
 - PHP
 - PostgreSQL
 - Javascript
 - Javascript plugin (same adsense)
 - jQuery
 - HTML5/CSS3



Web developer

Celaneo - July 2009 to February 2013

- Wordpress development
- Symfony2 development

SKILLS

WEB Developement

- NodeJS ★★★★★
- Javascript ★★★★★
- Solidity ★★★★☆
- MySQL ★★★★★
- RabbitMQ ★★★★☆
- Restful API ★★★★★
- ReactJS ★★★★★
- SocketIO ★★★★☆
- Serverless ★★★★☆

DevOps

- Linux ★★★★☆
- Kubernetes ★★★☆☆
- Docker ★★★★☆
- AWS ★★★★☆
- AWS Cloudformation ★★★★☆
- Jenkins ★★★★☆
- API Gateway / Lambda ★★★★☆
- Terraform ★★★☆☆
- Microservice architecture ★★★★☆
- PCI compliance ★★★★☆

Agile method

- Scrum ★★★★☆
- Kanban ★★★☆☆

EDUCATION

DEUG

RISE PARIS LA DÉFENSE - FRANCE

September 2010 to June 2012

Sandwich courses - developer engineering

A levels

LYCÉE JEAN PERRIN - ST OUEN L'AUMONE - FRANCE

September 2008 to 2010

Electronics option

INTERESTS

Cryptocurrency

- Bitcoin
- Ethereum

Film

- Fantastic
- Thriller

Sport

Swimming