



Thomas Hudspith-Tatham


DESIRED POSITION

Lead Front-End Engineer

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SKILLS

Languages

- Bash
- CSS
- Golang
- HTML
- Java
- JavaScript
- Node.js
- PHP
- Python
- SCSS
- TypeScript

Tools

- Angular
- Apache
- AWS
- BackboneJS
- Cypress
- Django
- Docker
- Doctrine ORM
- Elasticsearch
- Fastify
- Flash
- GCP
- Git
- GitHub
- GraphQL
- GRPC
- Grunt
- Jest
- Jira
- jQuery
- Kubernetes
- Langchain
- LESS
- MarionetteJS
- Mocha
- MongoDB
- MySQL
- Nest.js
- Next.js

Expertise

LEADERSHIP

- 4 years experience as a department principal engineer
 - Enabling over 40 engineers in delivery teams
 - Leading enablement team of 6 engineers
- Lead department level front-end engineering alignment
 - Across 12 teams and over 20 front-end engineers
 - Rolling out design system, WCAG 2.1 compliance and multi-language
- 6 years as a professional full-stack mentor
 - Writing curriculum and running office hours for 100s of students
- Lead delivery on dozens of customer facing and internal products
 - Technical discovery, collaboration, documentation, delegation, goal and scope setting, success measures and stakeholder reporting

FULL STACK

- 16 years experience in back-end and front-end engineering
 - Designing and building RESTful APIs and Microservices
 - Designing and building single page applications with evolving tech stacks

WEB OPERATIONS

- 14 years experience in web application delivery
 - Deploying, continuous integration and monitoring

Education

2004 – 2008

Computing with Networks BSc (Hons)
Sheffield Hallam University

2024

Machine Learning Specialisation
Deep Learning Specialisation
Coursera

Professional Experience

APR 2024

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JUL 2025

- **Senior Software Engineer**
Dendra » Oxford (remote) » start-up: 50 – 150 staff
 - Lead product development of the customer facing rebrand resulting in significant upscales and retention.
 - Responsible for scoping, discovery, technical strategy, success measures and documentation
 - A key engineer within a medium sized start-up:
 - Developing the customer-facing platform.
 - Supported internal GIS, Data Ecology, Environmental Management, and ML operations.
 - Contributed to new features and products to support the product market fit, supporting sales, and improve operating efficiency.
 - Improved team processes with stricter practices around quarterly goals, success measures, scope discipline, ticket health and team processes.

advanced testing angular architecture aws bash bem
continuous integration css cypress design systems
django docker elasticsearch git github html jest jira
postgresql python redis rest rxjs scrum scss
technical strategy terraform typescript webpack

JAN 2020

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DEC 2023

Principal Engineer and Tech Lead

Beamery Inc » London » scale-up: 50 – 400 staff

- Owned and developed the “Suggestions” microservices product in my first quarter in the role, the company's first AI offering critical to the AI sales pitch producing \$3m in ARR.
- Leading new Frontend development team of 6 engineers accountable for the new Design System, Multi Language, MFE architecture, A11y and FE tooling, improving scalability and developer efficiency.
- Leading technical rollout and adoption of the Design System used across 31 projects, saving over 40,000 hours of engineering effort over 2 years.
- Leading technical rollout of WCAG 2.1 AA compliance, a critical aspect of multi million pound contract renewals.
- Leading the cross team “Frontend tribe” for over 26 Frontend engineers and 8 QA engineers - to foster knowledge sharing, and standardisation.
- Migrating legacy monolithic systems to independently owned services.

advanced testing architecture bash continuous integration
cross-functional leadership css cypress design systems
docker documentation elasticsearch fastify gcp git
golang graphql grpc html internationalisation jest jira
kanban kubernetes mentoring micro-frontends
microservices mocha mongodb monorepos nest.js
next.js node.js nx observability owasp playwright
protobuf rag react redux rest scrum swagger tdd
technical strategy typescript vite wcag 2.1 compliance

MAY 2018

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JAN 2020

Mentor / Consultant / Open Source Developer

Thinkful Inc » Remote » start-up: ~200 staff

- Writing new React, Node and authentication curricula to improve student retention and comprehension. Modernised content to current standards (React, Postgres) and practices (TDD, iterations, migrations, FRP).
- Mentoring students with no web development experience into full-stack employment within 6 months.

advanced testing continuous integration css
documentation extreme programming git github html
javascript mentoring node.js postgresql react rest tdd
typescript wcag 2.1 compliance

○ Numpy
○ Nx
○ Pandas
○ Playwright
○ PostgreSQL
○ Protobuf
○ React
○ Redis
○ Redux
○ Redux sagas
○ Swagger
○ Terraform
○ Tailwind
○ Vite
○ Webpack
○ Wordpress
○ Zend PHP

Practices

○ Advanced testing
○ AI Engineering
○ Architecture
○ BEM
○ Browser compatibility
○ Continuous deployments
○ Continuous integration
○ Cross-functional leadership
○ Deep Learning
○ Design Systems
○ Documentation
○ Extreme programming
○ Internationalisation
○ Kanban
○ Machine Learning
○ Mentoring
○ Micro-frontends
○ Microservices
○ Monorepos
○ Observability
○ OWASP
○ RAG
○ REST
○ Scrum
○ TDD
○ Technical strategy
○ WCAG 2.1 compliance

NOV 2017 • **Senior Developer**

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MAY 2018

Just Plc » Reigate » start-up: 12 – 50 staff

- ◉ Reduced email collection website deploy size by 80% within 1 hour of my first day at the company and setting up my machine, lowering hosting costs and improving page load times by several seconds.
- ◉ Lead the build of the company's OpenID Connect provider, providing a centralised login system and heightened security.
- ◉ Built the initial product demo, a proof of concept giving stakeholders the confidence to invest in product proposal.
- ◉ Built the first release of front end platform in 6 months less than the budgeted and expected time, allowing the development team to focus on other systematic improvements.

advanced testing bash continuous integration css cypress
docker extreme programming git github html
mentoring mocha node.js react redux redux sagas
scrum scss tdd wcag 2.1 compliance webpack

DEC 2015 • **Web Developer**

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NOV 2017

NowTV » Osterley » corp: 400+ staff

- ◉ Building a service status app to reduce call service support costs by 80%.
- ◉ Adding features to the eCommerce platform to increase search engine ranks for NowTV products and increase sales.
- ◉ Received an award for contributions to feedback and development.
- ◉ Running presentations and talks on mentoring, isomorphic web apps and a new approach to ReactJS integration testing.
- ◉ Inventing a new style of React functional testing, reducing continuous integration cycle time from 50 minutes to 3 minutes, saving 9 hours of the team's development time per day.

advanced testing akamai bash bem
continuous deployments continuous integration css
cypress docker extreme programming git github html
javascript jira mentoring mocha nightwatch node.js
observability owasp react redux redux sagas scrum
scss tdd wcag 2.1 compliance webpack

AUG 2014 • **Web Developer**

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DEC 2015

Wizenoze » Remote » start-up: ~12 staff

- ◉ Built 3 line-of-business tools that more than double productivity.
- ◉ Revamped the main web product have better adaptability to company direction changes.
- ◉ Employed to fix sluggish admin pages, achieved this goal as the sole front end developer whilst adding new high priority features.

	<ul style="list-style-type: none"> ◉ Evangelising React and testing practices to add tests to legacy systems and set-up the front end continuous integration for daily releases. <p>cypress mocha node.js postgresql react redux scss</p> <p>tdd webpack</p>
MAR 2014 – DEC 2015	Angular & React Curriculum Lead Thinkful Ltd » Remote » start-up: ~50 staff <ul style="list-style-type: none"> ◉ Mentoring over 50 students with no web development experience into front-end employment within 6 months. ◉ Running weekly office hours video sessions to help students debug their coding problems. ◉ Constant improvements to the Angular JS curriculum to help thousands of students improve comprehension and pass grade. ◉ Writing guides and tutorials for Angular and React. ◉ Running workshops on advanced Angular JS and Isomorphic React to existing senior developers in companies such as Dow Jones. <p>angular css html javascript react tdd</p>
FEB 2014 – MAR 2014	Senior Web Engineer Metail » Cambridge » start-up: ~50 staff <ul style="list-style-type: none"> ◉ Evangelising and advocating TDD in the front end to reduce the need for manual browser testing. ◉ Contributing to the build of the company's main product - an eCommerce plugin widget. ◉ Collaborating with the scrum master to improve the front end team's adherence to scrum. <p>html less marionettejs</p>
SEP 2013 – FEB 2014	Web Developer Transversal » Cambridge » start-up: ~100 staff <ul style="list-style-type: none"> ◉ Introduced TDD practices and libraries to the front-end development team, decreasing code regressions. ◉ Promoted SOLID design patterns in the front-end codebase, improving maintenance and developer productivity. ◉ Contributed to the 20-person development team's transition to agile methodologies, increasing collaboration and productivity. <p>backbonejs browser compatibility grunt html jquery</p> <p>mocha</p>
FEB 2012 – APR 2013	Web Developer AustNews » Brisbane » corp: 1 engineer <ul style="list-style-type: none"> ◉ Resolved a legacy database system issue, restoring hundreds of client websites after being called in on my day off sick. ◉ Created a suite of 5 applications used to streamline prospect customers to integrated clients in 20 times the productivity. ◉ Built the rebranded website in under two weeks, adding dozens of new features to reduce technical support needs

and free up sales staff time.

apache backbonejs doctrine orm html jquery

marionettejs mysql zend php

JAN 2012 • Wordpress Guru

– Catalyst Commedia » Brisbane » start-up: ~10 staff

FEB 2012

- ◉ Quickly fixed multiple legacy client sites in a short-term role.
- ◉ Exceeded expectations by fixing problems in half the budgeted time.

apache jquery php wordpress

FEB 2011 • Web Developer

– BrainWire » Brisbane » start-up: 3 staff

JUL 2011

- ◉ Autonomously planning, designing and building the company's proprietary content management system.
- ◉ Provided support in UX, SEO, and methodologies, extending beyond contractual responsibilities.
- ◉ Strong client collaboration to integrate desired functionality into administrative controls.

apache css html jquery mysql php

APR 2010 • Web Developer

– FullPhatDesign » Mansfield » start-up: 2 staff

SEP 2010

- ◉ Served as the sole web developer, building a proprietary CMS that integrated into customer websites.
- ◉ Collaborated daily with the company owner to realise designs for clients and customers.
- ◉ Collaborating directly with customers to integrate desired functionality into admin controls.

apache css html jquery mysql php

JUL 2009 • English Teacher

– GnB English » South Korea » private school

APR 2010

- ◉ Integrated a game-based teaching method to increase student engagement and improve English speaking ability.
- ◉ Taught over 200 students, achieving a 99.5%+ pass rate.

SEP 2008 • Assistant Web Developer

– JD Approach » Sheffield » start-up: ~5 staff

DEC 2008

- ◉ Added Flash development to the company's offerings used in 2 key sales.
- ◉ Introduced jQuery to the development team, nearly doubling the front-end development productivity.
- ◉ Introduced the development team to PHP PDO, improving security to remove risk of XSS and SQL injection attacks.

apache css flash html jquery mysql php



MY DOG

- ◉ My dog, Forest, is very important to me. I give him a healthy lifestyle – In return, he does the same for me.

FOOTBALL

- ⦿ A lifelong fan of Newcastle United FC and enjoy playing 5 or 7-a-side football.

CALISTHENICS

- ⦿ Regular exercise in my spare time such as calisthenics and biking.

PERMACULTURE

- ⦿ The design principle created by Bill Mollison and David Holmgren is something I find fascinating.

PHILOSOPHY

- ⦿ Reading (and trying to understand) philosophy, such as those by Alasdair MacIntyre and Plato.

COOKING

- ⦿ Testing the limits of our Ninja Foodi for plant-based whole food meals.

CONSTRUCTION

- ⦿ In an aspiration to live a self sustainable lifestyle, I like to read up and learn about building construction, renewable energy integrations, carpentry and sustainable house design.