

Hi! I Am Simon Madine

CTO

Architect

Engineer

Dev

Creative Technologist and Technical Leader

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www.thingsinjars.com



Worked with:



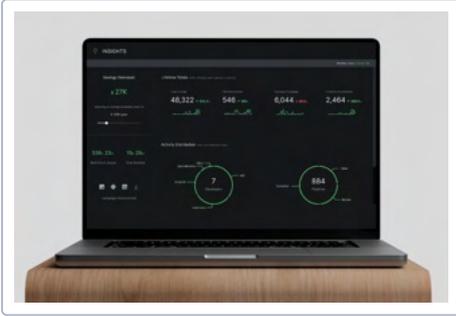
Tech stack:



Experienced Technical Team Leader and Creative Technologist who cares as much about the big, game-changing ideas behind a product as the tiny, delightful details that make it shine for the end user.

I specialize in rapidly prototyping ambitious ideas—getting them in front of real people fast—then building the team, systems, and strategy to scale them into robust, world-class products. I've worked across cutting-edge tech including blockchain, IoT, and location-based services in large companies and small startups, and now focus on pushing the boundaries of what AI can actually do—not just in theory, but in shipped, usable, scalable tools.

I communicate across multiple disciplines, translating between product, business, technical, and design with clarity and empathy. I aim to make the complex make sense, whether I'm whiteboarding with engineers or aligning vision with execs. And along the way, I mentor teams not just to deliver, but to grow, challenge assumptions, and build better than before.



Engineering Lead

// komment

11/2023 – Present



ai



node



docker



aws



gcp



postgres



terraform

- Hands-on leader for a full-stack team of engineers working on AI-driven knowledge base generation and advanced git workflows using LLMs, RAG and Static Analysis
- Responsible for development, delivery and CI/CD infrastructure across the full product stack.
- Managing critical multi-cloud infrastructure across AWS and Google Cloud Platform, leveraging Terraform and CDKTF to standardize infrastructure as code.
- Building a multi-language stack with Terraform, NodeJS, Rust, Python and React.
- Creating architecture overviews of the project then building systems to automatically generate architecture overviews of any project.

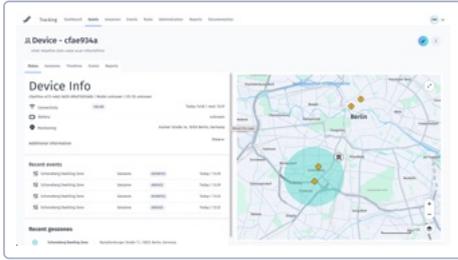
CTO, Co-Founder



08/2021 – 11/2023



- Transformed multinational enterprise workspace management by implementing cutting-edge co-location algorithms and analytics, optimizing desk booking and enhancing team cohesion through one-click social events.
- Led and coordinated dynamic front-end and back-end development teams across various time zones, overseeing end-to-end application prototyping.
- Optimised user experience by integrating booking systems with Microsoft Teams, Outlook, and Slack, while leveraging multiple vendor APIs to ensure real-time availability.
- Enhanced security measures by leading the company's journey towards ISO 27001:2022 certification, establishing a robust foundation for data protection.
- Streamlined financial operations by successfully integrating banking APIs, managing incoming subscriptions, and facilitating seamless outgoing payments to vendors.



Senior Principal Architect HERE Tracking



09/2016 – 08/2021



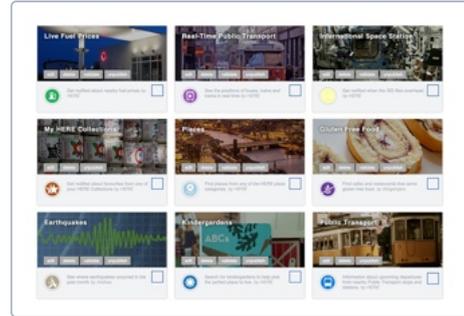
- Technical leader for HERE Transport & Logistics. Responsible for development across the full stack from firmware to cloud services and back again.
- My role involved guiding the various teams' development plans to align with each other and the aims of the business by working closely with the leads of the engineering teams and stakeholders outside T&L. I also headed up R&D of various innovation projects such as integrating real-time location tracking with blockchain supply chain solutions.
- Hands-on technical leadership for a business group encompassing multiple agile development teams – cloud, web, mobile, device firmware – across multiple development sites and timezones.
- Led a 2-month programme of internal and external training and customer meetings in Japan to increase visibility of HERE Tracking and HERE Positioning across the APAC region.

Engineering Manager

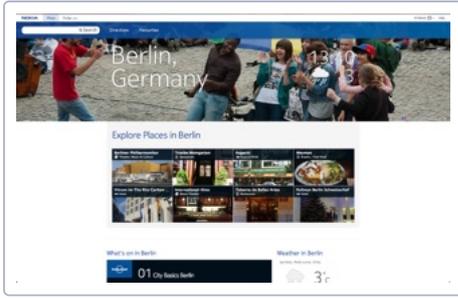
HERE Innovation



11/2012 – 09/2016



- Technical Lead for the HERE Innovation Team working on high-traffic client/server applications built with Node.JS
- Application architecture, design and general “How things should work” person
- Leading by example the development, testing and continuous integration of multiple REST server projects
- Working with Marketing, Business Development and UX to develop the product and the product strategy
- Leading an agile team of test-driven developers while keeping a focus on the end-user requirements.



Senior Engineer Nokia Maps

NOKIA

07/2011 – 11/2012



css



js



node



aws



java

- Senior front-end engineer for a site with millions of monthly users
- Developing the City and Place pages which created a huge SEO increase for the site resulting in increased user traffic
- Organising internal and external tech talks and writing posts for the Nokia Developer Blog
- Developing early prototypes of concepts that informed the design and ideation teams about future product direction — one example is the HERE+Leap integration of HERE maps with the Leap Motion device.



National Museums Scotland **Technical Manager** 09/2009 – 07/2011



The Angry Robot Zombie Factory **Owner and Developer** 12/2009 – 06/2011



Whitespace (Scotland) **Digital Media Studio Manager** 09/2008 – 09/2009



Whitespace (Scotland) **Digital Media Developer** 05/2004 – 09/2008



The Angry Robot Zombie Factory **Web Developer** 05/2002 – 06/2004



Hi2 **Game Designer** 01/2001 – 02/2002

On Stage

CSS Dev
Conf
**Automated
CSS
Testing**
2012

CSS
Summit
**CSS
Regression
Testing**
2013

BerlinJS
**Making
the build
go
#FF0000**
2013

Upfront
User
Group
Various

Nokia
Tech
Talks
Web
Audio
API

Publications

CSS Testing
.net
magazine

CSS
animations
**Technical
Editor**

Captain Oskar
Thomas
Author/Illustrator

Octoplural
Author/Illustrator

Explaining
Author/Illustrator

Open Source



[github.com/thingsinjars/scrimshaw]



[github.com/thingsinjars/here-map]



[opensnacks.com]

Languages



Native



Advanced



Conversational



Native