

IAN HITCHMAN

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INTRODUCTORY PROFILE

Commercially astute Full Stack Software Engineer with extensive experience delivering solutions in high-traffic, complex and data-driven environments using TypeScript, Node.js and modern frameworks. Demonstrates expertise spanning a mix of frontend and backend development while increasing application reliability and test coverage on platforms with multi-million user bases. Recent achievements are complemented by earlier highlights in project delivery, client communication and cross-functional collaboration gained in procurement. Passionate about (and receptive to) new and emerging technologies.

CORE COMPETENCIES

Project Delivery | Stakeholder Engagement | Feature Development | Requirements Gathering | Agile Methodologies
Problem-Solving | Rapid Learning | Process Optimisation | Test Coverage Improvement | Unit Testing
Code Quality Assurance | API Documentation | Product Lifecycle Management | UI/UX Collaboration

PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS

Junior Software Engineer

Henry Schein One, Remote, Gillingham

June 2024 – June 2025

Facilitated continuous improvement and scaling of a large-scale web application serving over 3 million users, focusing on feature delivery, code reliability and cross-team collaboration within this company focused on providing integrated dental software and services to dental practices worldwide.

Key achievements

- Facilitated successful platform launch in Canada by contributing to localisation efforts; ensured compatibility with regional requirements and extended reach to new user markets.
- Enhanced collaboration between development, design and client teams, resulting in on-time delivery of product enhancements, including two high-priority.
- Built knowledge of AWS services, including RDS, DynamoDB, and Lambda, to support serverless architecture and enhance application scalability.
- Doubled release frequency by collaborating with the team to implement best practices in CI/CD workflows and code quality standards.
- Improved API performance and reliability by contributing to Node.js and GraphQL service optimisations, delivering faster responses for millions of users.
- Increased automated test coverage to +80% while cutting bugs and reducing developer support tickets by 70% having designed and implemented high-impact unit test suites for legacy code.

Web Developer

Beachshore Design, Watford

October 2023 – January 2024

Delivered tailored web solutions for clients; ensured project success from requirements capture through to deployment, while building strong client relationships in support of seamless technical delivery.

- Enhanced user experience and site performance by developing customer platforms with HTML, CSS, JavaScript, PHP and MySQL while customising in-house CMS to enable client-managed content updates.
- Maintained and improved legacy client websites built with various frameworks and CMS platforms; resolved complex issues in poorly documented codebases and ensuring continued site reliability and functionality.

Key achievements

- Delivered projects within original time estimates while adapting to changing requirements and managing scope changes effectively through clear communication with clients and team members.
- Achieved 100% repeat business from clients by delivering optimised web projects with a strong focus on usability and customer satisfaction in line with budgets of up to £10,000.

EARLY CAREER SUMMARY

- Enjoyed eight years' progression from Graduate Trainee to Senior Buyer within major engineering organisations; delivered complex sourcing projects and managed multi-million-pound supplier relationships. Gained experience in contract negotiation and stakeholder management.
- Delivered a process improvement initiative that shifted administrative tasks to an outsourced team at Jaguar Land Rover, saving approximately 30 hours per week for buyers.

PROFESSIONAL DEVELOPMENT

Full Stack Web Development Bootcamp

University of Edinburgh, Remote

March 2023 – July 2023

- Ranked 1st out of 109 students for project excellence; demonstrated advanced technical proficiency and commitment to high-quality software solutions.
- Gained experience across the full development lifecycle, from requirements gathering and project scoping to delivery and testing.
- Developed a portfolio of practical projects, available at hyperiondev.com/portfolio/139412, showcasing expertise in algorithms, design, programming and testing.
- Built ability to translate technical requirements and creatively addressing technology gaps to achieve project goals.

BEng Mechanical Engineering

University of Leicester, Leicester

September 2012 – July 2015

PROJECT HIGHLIGHTS

Public API Platform | <https://soupabase.com>

- Launched public API platform as a developer productivity tool; enabled fast data queries with clear documentation (deployed via Cloudflare Workers to ensure high scalability, minimal latency, and reliable external integrations).

Full Stack Social Media Platform | <https://github.com/ianh8899/Community-MERN>

- Engineered a full-featured social media application with secure authentication, dynamic content feeds and responsive design; utilised Next.js with MongoDB to optimise performance and implemented role-based access to enhance user data privacy and security.

IT SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS

Frontend Frameworks and Libraries: Angular, React, Next.js, HTMX,

Backend / API: Node.js, GraphQL, REST API, Hono

DevOps and Cloud: CI/CD, Cloudflare Workers, AWS

Testing and Quality: Unit testing, Test coverage improvement, Test-Driven Development (TDD)

Databases: MongoDB, PostgreSQL, SQL

Version Control: Git, Command line fundamentals, GitHub