Andrew Magill

Senior Full-stack Developer with over 17 years experience building platforms for Healthcare, Beauty, and E-commerce companies. A collaborative professional with a proven ability to elevate engineering quality and enhance customer experiences in complex enterprise systems. Leverages front-end and back-end engineering expertise to innovate and deliver exceptional outcomes in team environments.

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EXPERIENCE

Valhalla MSO — *Senior Developer*

December 2024 - May 2025 — New York City / Remote

• Spearheaded the architecture and development of a suite of healthcare platforms, including **ImpetusOne**, **ImpetusAI**, and **ImpetusRX**, with a dedicated focus on elevating the TypeScript/React based interface for patients, pharmacies, and healthcare providers.

• Managed the end-to-end software development lifecycle as Lead Developer for multiple high-impact projects simultaneously, including **Valhalla Vitality** and **Ironsail Pharma,** ensuring stringent quality standards and consistent, high-quality service delivery for patients and partners.

• Established best-practice integration policies and processes, and implemented DevOps CI/CD workflow automations that ensured developer accountability, consistency and code quality

• Utilized expertise in Python, PHP, TypeScript and Node.JS to build secure applications that formed the backbone of improved healthcare interactions and processes.

• Automated phases of the prescription and fulfillment process within ImpetusRX, reducing manual processing time and improving consistency, leading to lower provider costs and faster access to care for patients.

Prehealth — *Lead Developer*

July 2024 - December 2024 — New Jersey / Remote

• Established a production process for email coding, improving deliverability through SendGrid, and implementing marketing automation via HubSpot

• Spearheaded the implementation of a cutting-edge email marketing automation platform using Salesforce Marketing Cloud, resulting in a 39% increase in customer engagement and a 25% boost in lead generation

• Led a team of developers producing responsive, user-friendly email templates and landing pages, ensuring seamless cross-device compatibility and reducing bounce rates by at least 19%

• Led initiatives to ensure GDPR and CCPA compliance in online marketing practices using OneTrust and GTM consent management solutions

KEY SKILLS

Full Stack Web Development, Software Engineering, Data Modeling, User Experience (UX) Design, Responsive Design, DevOps (CI/CD)
Version Control (Git), API Integration, Performance Optimization, eCommerce Integration, Microservices Containerization, Test-Driven Development (TDD), Agile/Scrum Methodology, Project Management, Technical Writing & Documentation, SEO, Accessibility (a11y)

TECHNICAL SKILLS

Languages / Frameworks

Proficient: HTML5, JavaScript, ES6, Typescript, Node.js, React.js, Next.js, PHP, SQL, SASS, PostCSS, Git, NPM, Composer, Yarn, Bootstrap, TailwindCSS

Familiar: Vue.js, Svelte, Tanstack, Python, Ruby on Rails, Laravel, Symphony, ASP.net (C#), Redis, GraphQL, Linux

Prehealth — *Lead Developer* (continued)

• Created and maintained comprehensive documentation for all marketing automation processes, using Confluence and GitHub, simplifying onboarding of new team members and stakeholders

Greater Than One — *Senior Web Developer*

April 2020 -December 2023 — New York CIty / Remote

• Served as lead developer for multiple high-profile pharmaceutical product launches, such as **Oxlumo** and **Trudhesa**, for all phases of the development lifecycle, technical planning, architecture design, implementation, and testing.

• Contributed significantly to pitching and proposal writing efforts, developing comprehensive technical plans and detailed deliverables that helped secure multiple six figure, new business contracts

• Implemented robust security measures, such as **SOC2** and **PCI DSS**, ensuring HIPAA compliance with end-to-end encryption, access controls, and regular security audits, safeguarding sensitive patient data across platforms

• Pioneered the adoption of agile methodologies, automated testing, and CI/CD pipelines using, such as Github Actions or BitBucket Pipelines, reducing deployment errors and release timelines

• Developed and maintained comprehensive process documentation and integration guides, providing seamless transition when onboarding new developers

Ascender Studios — *Full Stack Developer*

September 2017 - November 2019 — Remote

• Engineered scalable front-end and back-end solutions, resulting in a 40% reduction in maintenance effort and 25% improvement in application performance

• Integrated complex design layouts and rendering systems, significantly enhancing user experience and cross-device consistency.

• Collaborated with clients to identify and implement innovative web strategies, contributing to a 30% increase in user engagement and 20% improvement in customer retention rates

• Implemented automated testing and continuous integration/continuous deployment (CI/CD) pipelines using Jest and GitHub, reducing bug incidents by 35% and accelerating release cycles

Unhinged Web Studio — *Web Developer & Designer*

February 2017 - September 2017 — Remote

• Designed and developed websites and custom web applications, with a focus on customer outreach, increasing the performance of clients' online presence.

• Crafted brand identities and logos for startups and SMBs, enhancing brand recognition and marketability.

TECHNICAL SKILLS (cont'd)

Platforms / Tools
AWS, Azure, Google Cloud, Docker, GTM, Git, BitBucket, Jira, Trello, Confluence, Figma, Adobe CC, Salesforce, Adobe Marketing Cloud, Hubspot, Apache, NGINX, IIS, Express, Vercel, Digital Ocean

Intercept Pharmaceuticals — *Technology Consultant*

February 2017 - September 2017 — New York City / Remote

• Migrated compliance operations to a new SaaS solution, improving data accuracy and efficiency.

• Ensured research and marketing expense data accuracy for regulatory compliance of pharmaceutical trials

L'Occitane — *Front-End, Social, Mobile Developer*

May 2011 - February 2017 — New York City

• Supported global online marketing and e-commerce operation with frontend development, UI implementation skills, and coordinated efforts for a global expansion to over 80 international markets

• Extended the CMS and ecommerce capabilities of the custom in-house **ASP.NET Core C#** platform, enhancing marketing operations, analytics and customer reporting capabilities, and new design and layout implementations.

• Deployed brand-wide UI redesign projects, enhancing onsite customer experiences, user engagement and retention.

L'Occitane — *International Webmaster*

June 2007 - May 2011 — New York City

• Expanded global eCommerce operations, significantly increasing market reach and sales volume through new content integration, and feature development.

• Implemented marketing campaigns and content pages, driving higher engagement and conversion rates, including custom scripting with **JavaScript**.

• Maintained product data and taxonomy for multiple brands, ensuring accurate online catalogs and optimizing data structures for **ASP.NET Core C#** driven platforms.

EDUCATION

Rochester Institute of Technology - *Information Technology*

September 1996 - June 2001

Relevant coursework: Computer Science, Software Engineering, Website Design, Database Modeling, Interface Design, Data Communications, Programming for Digital Media, Human Factors.