

Tim Upchurch

Software Professional

Software developer and product manager with extensive experience scaling platforms from inception to market readiness. Expertise in building robust software solutions for business data analysis and integration, including advanced client-facing and backend systems using web technologies. Adept at leading cross-functional teams, collaborating with stakeholders, and delivering user-centric platforms that enhance operational efficiency and customer satisfaction.

Contact

Address

Raleigh, NC, 27603

Phone

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E-mail

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WWW

github.com/timup

Skills

Ruby

JavaScript

React

Rails

PostgreSQL

Test-Driven Development (TDD)

Stripe

Auth0

OpenAI

Heroku

AWS

Git

Team leadership

Design systems

Work History

2021-09 -

Current

Principal Engineer

Fortify, Raleigh, NC

- Led the development of Fortify, a fintech platform enabling vendors to offer purchase and financing options, structure payment streams, and manage deal lifecycles
- Designed and developed the React frontend and Rails API backend, ensuring seamless integration with external services
- Built a team, including two junior developers, to drive feature development and maintain the platform's stability.
- Partnered with operations teams to translate business needs into technical solutions, enhancing user experience and operational efficiency.
- Managed support queues and ensured swift resolution of platform issues.

2019-05 -

2021-12

Full Stack Engineer

Malartu, Raleigh-Durham, NC

- Developed data visualization and analytics tools to help businesses make data-driven decisions
- Created integrations with various third-party services to bring critical business data into a unified platform
- Delivered user-friendly, no-code dashboards tailored for diverse teams and industries

2015-01 -

2019-12

Independent Consultant

Tim and Company, Raleigh, NC

- Ran a boutique consulting firm providing software development and technology strategy services.
- Specialized in small business applications and data integrations.

2015-08 -

2019-04

Software Developer

Vaporware, Raleigh-Durham, NC

- Built and maintained custom software solutions for startups, with a focus on MVP development and scaling
- Guided clients through Agile development processes, prioritizing efficient delivery of high-value features
- Acted as a technical advisor for clients, bridging gaps between business needs and technical implementation

Education

2007-01 -
2009-01

Bachelor of Arts: Arts Applications, Film Studies

North Carolina State University - Raleigh, NC

- Focused on the intersection of film theory, production, and multimedia.
- Relevant coursework: Digital Video Production, Advanced Multimedia, Film Theory, Documentary Film, and Screenwriting.
- Honors: Full Frame Documentary Festival Fellow (2009).

2011-01 -
2012-12

Master of Arts: New Media

North Carolina State University - Raleigh, NC

- Engaged in advanced studies exploring the integration of technology and art.
- Incomplete

2008-05 -
2008-07

Study Abroad Program

Zhejiang University - Hangzhou, China

Gained a global perspective on arts and cultural studies through immersive coursework.

2006-08 -
2006-12

Non-degree Seeking

Durham Technical Community College - Durham, NC

Completed coursework to enhance foundational knowledge in arts and humanities.

Projects

Flightlines, <https://flightlines.co>, A commercial aviation news brand delivering weekly industry insights and analysis. Established as a trusted source with a growing online presence, including social media channels, with plans to expand into e-commerce.