

Adam Phillips

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SUMMARY

Software Engineer with 4+ years of experience designing, developing, and deploying frontend software solutions for enterprise organizations and startup companies. Senior Developer focused on leveraging the latest technologies and methodologies to build and release innovative and responsive web applications and create seamless user experiences.

SKILLS

- **Engineering:** Product Roadmap, Frontend & UI/UX, RESTful Web Services, Microservices, Software Design & Coding, Testing & Code Coverage, Software Quality, Scalability, Performance, Reliability, Code Reviews, Documentation, Mentorship
- **Leadership:** Strategic Planning & Execution, Project Management, Prioritization, Process Improvement, Collaboration
- **Software:** Javascript, Typescript, Angular, HTML, CSS, Unit Testing, Vue.js, TailwindCSS, SCSS, Bootstrap, JSON, Python

EDUCATION

- Bachelor of Applied Science in Computer Science, Ball State University

RELEVANT EXPERIENCE

Senior Software Engineer - Cyberinfrastructure for Network Science, Indiana University (IU) 2020 - Present

- Developed data visualizations using Angular, Python, and Vega-Lite to enable universities to interpret and analyze research data for the NSF, NIH, USDA, the National Academy of Sciences, BBSRC, TD Ameritrade, Net eSolutions, and Cummins Inc.
- Created pipelines and visualizations with trees with millions of nodes using Vega-Lite and MapboxJS.
- Worked on a specialized 4-person Scrum team by leading simultaneous 3-week sprints, creating user stories, allocating sprint points, spearheading rapid prototyping, and conducting tests to bring projects from concept to completion.
- Created the HuBMAP Exploration User Interface and Registration User Interface to allow doctors and surgeons to plot out and search for 3D models and tissue slices.
- Created Spoke, a Scalable Precision Medicine Oriented Knowledge Engine.

Full Stack Developer, Rootworks 2019 - 2020

- Collaborated directly with the Chief Operating Officer and Senior Developer to define, develop, and build new features for the Rootworks web-based application including a dashboard with widgets for hundreds of client end-users.
- Worked with a 3rd party design company to redesign application interactions that reduced feature loading time by 90% using server-side pagination and increased satisfaction by 30% based on A/B testing.
- Developed an easily customizable and dynamic table component for a number of the different pages and datasets for clients and redesigned forward-facing websites.

Product Developer, Gensuite 2017 - 2019

- Led client-side development for a Field Safety Risk Assessment mobile and desktop app with clients including Comcast, Amazon, Tesla, and GE using ReactJS that created assessments from JSON files retrieved via a REST API endpoint.
- Drove the modernization of applications and web designs to help the business exceed the annual sales goal by \$1MM.
- Secured an additional \$85K in funding by creating the FSRA app prototype
- Translated the FSRA into a native application using React Native for BP oil rigs to allow for offline storage and functionality via downloads for oil rigs without a network connection.
- Developed responsive cloud-based software solutions with modern styling including a newly redesigned login page for thousands of users and a Waste Tracker application for the App Recharge Initiative using ColdFusion, Bootstrap, and SQL.
- Acted as a technical mentor to help new developers integrate into the team and reduce ramp-up time.