

Will Worrell | Software Engineer

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Summary

Creative Computer Science graduate with 3+ years of experience in Project Management & Business Analysis in Enterprise IT. Transitioning to software engineering after discovering a passion for building impactful, user-centric solutions. Eager to leverage my technical expertise and collaborative skills to deliver holistic value to a growing team.

Education

Colgate University | September 2017 - May 2021

BA - Computer Science, Spanish | GPA: 3.74

Skills

JavaScript, TypeScript, Python, HTML, CSS, React, Node.js, AWS, SQL, MongoDB, Git, Tailwind CSS, Project Management, Cross-Functional Collaboration

Professional Experience

GPS Investment Advisors (Freelance)

Software Engineer | April 2024 - October 2024

- Designed and built a TypeScript & React application to model client 401k projection growth/withdrawal data,
- Project included an elegant form input flow & data visualization dashboard using Material UI and Tailwind CSS.

501Database

Frontend Software Engineer Intern | April 2023 - August 2023

- Developed and tested Next.js application for CRM startup utilized by 20+ local non-profit organizations.
- Designed/Implemented multi-page customer intake flow & corresponding admin configuration tools.

L3Harris Technologies

Technical Project Manager | August 2023 - Present

- Oversaw process automation projects serving 45k employees, generating \$250k+ in annual savings.
- Managed meetings, deliverables & served as technical liaison between developers and project stakeholders.
- Deployed & monitored bot processes and application servers across dev, test and prod environments.

Business Analyst | November 2021 - August 2023

- Owned \$1.5 million per year in contract initiations & renewals for software procured from 25+ vendors.
- Managed software utilization audits in ServiceNow to right-size contract renewals for maximum savings.

Personal Projects

ER-404 (ER-404.com) - Vintage drum machine emulation for in-browser beat-making

Tone.js, React, TypeScript, TailwindCSS, Framer Motion

- Neumorphic/skeumorphic UI with animated knobs, sliders and digital displays for sample selection & fx control
- Complex audio playback state management handled via custom hooks and multiple context providers

Klarr (klarr.app) - Bauhaus design inspired productivity dashboard

React, TypeScript, Node.js, MongoDB Atlas, Firebase, TailwindCSS, Framer Motion

- Full drag-and-drop interface with layout animations for fluid, fully responsive UX
- Google Authentication & database management scripts for seamless data

BriteSpot (britespot.vercel.app) - Gratitude tracker/visualizer, encouraging users to document one bright part of their day

React, JavaScript, Node.js, AWS, MySQL, TailwindCSS

- Full responsive gratitude journaling app enabling users to log, sort, export and visualize daily positive moments.
- Implemented custom authentication flow hosted on AWS with EC2 and RDS.

Certifications

- Amazon Web Services - AWS Certified Cloud Practitioner
- IBM - Databases & SQL for Data Science with Python