William Crawford

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EXPERIENCE

Accenture   Seattle, WA

Accenture Internal

Software Engineering Manager   *Sept. 2023 – Present*
- Manage a team of 20 engineers building a change management app in Next.js + React
- Assist with client demos by building custom, branded versions of the application
- Ensure WCAG Level AA accessibility compliance by enhancing 100+ UI components with keyboard controls and screen reader compatibility

Major Technology Company

Software Engineering Manager   *March 2023 – Aug. 2023*
- Implemented a UI + UX redesign for a compliance management tool
- Developed 12 new React pages for a productivity software suite used by 300MM+ users monthly
- Oversaw a team of 7 engineers and ensured the on-time delivery of the scope of work
- Delivered new onboarding documents, reducing onboarding time from several weeks to 3 days

Major Telecommunications Company

Software Engineer and Team Lead   *Oct. 2019 – Dec. 2022*
- Led a team of 6 developers building a Javascript UI library with 200+ components
- Architected and oversaw development of a documentation website for the UI library, used by 500+ designers, developers, and managers each month
- Provided support for the community of developers and designers using the UI library
- Coordinated finances between the client and Accenture, managing $1.5MM+ annually

User Experience Architect   *Sept. 2018 - Sept. 2019*
- Designed the site map for an informational site on the client's design standards
- Communicated with client stakeholders to convert business requirements into UI wireframes
- Facilitated user research sessions to determine optimal menu structure for the site

PROJECTS

Crawsword.xyz | *Javascript, Angular, Python, AWS, Amplify*   *May 2022 – Present*
- Designed and built a word game web app using Angular and Bootstrap for the frontend
- Utilized AWS Amplify for hosting and continuous deployment
- Used Python to identify suitable crossword clues from a dataset of 700k+

mood | *Spotify API, Javascript, Angular, Github Pages*   *Sept. 2018 – Oct. 2018*
- Built a data visualizer allowing users to analyze their Spotify listening history
- Visualized three major characteristics of listening history: Valence, Danceability, and Energy
- Deployed the application using Github Pages for zero-cost hosting

EDUCATION

University of Illinois at Urbana-Champaign   Urbana-Champaign, IL
Bachelor of Science in Aerospace Engineering, with Honors   *Aug. 2014 – May 2018*
GPA: 3.66/4.0

TECHNICAL SKILLS

Languages: Javascript/Typescript, HTML/CSS, YAML, Python, Java, MATLAB
Frameworks: React, Node.js, Next.js, Angular, Bootstrap, Material UI, FastAPI
Developer Tools: Git, Azure Dev Ops, Jira, AWS, VS Code, Visual Studio, IntelliJ, Copilot, ChatGPT
Additional Skills: UI/UX Design, User Research, Web Accessibility, Design Systems, Project Management, Agile