

Maanav Patel

Software Engineer

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EDUCATION

B.S. Statistics and Computer Science, Minor in Business,
University of Illinois

Dec 2022 | Urbana-Champaign

PROFILE

Experienced full stack software developer specializing in designing and developing consumer-facing web and TV applications. Proficient in JavaScript/TypeScript, React, and other web technologies, with a focus on enhancing user experience. Dedicated to delivering high-quality solutions through effective collaboration and communication.

SKILLS

Android | CSS | C# | Docker | Figma | Git | HTML | Java | JavaScript/TypeScript | Kotlin | Kubernetes
Python | React | Redux | SQL | SVN | API integration | Functional Programming | Optimization
Project Management | TV Applications | Usability and Accessibility

PROFESSIONAL EXPERIENCE

Epic Systems, Software Developer | MyChart Bedside TV

Feb 2023 – present | Madison, WI

- Implementing video call capabilities, enabling healthcare providers to initiate ad-hoc calls directly to patient TVs, meeting accelerated project timelines and enhancing patient-provider communication
- Leading the Bedside TV extensibility project, facilitating seamless third-party integrations within web-based Android TV applications, resulting in a 30% increase in customer adoption rates.
- Facilitating vital discussions with manufacturers and vendors of device management softwares and medical grade hardware for accurate client recommendations
- Organizing and leading team meetings to enhance cross-departmental communication, as well as coordinating showcases to facilitate collaboration.
- Resolved numerous focus-related issues within the app, significantly improving usability and accessibility to meet WCAG standards.
- Proposed and implemented an innovative internal tool enabling team members to setup test devices 5x faster through a web app built with ADB commands, Flask and React
- Optimized event audit mechanisms across multiple platforms, ensuring precise and error-free tracking of app usage, resulting in a 20% increase in the precision and error-free tracking of app usage.

Solar Turbines, Software Engineer (intern) | Plant Visualization Team

May 2022 – Aug 2022 | San Diego, CA

- Developed a browser organization tool that streamlined workflows for station operators by automating layouts and reducing setup time by 50% .
- Enhanced machinery control for engineers by refactoring the UI with responsive components using Bootstrap, improving usability and efficiency across various devices.

State Farm, Software Engineer (Intern) | Research and Development Center

Aug 2019 – Dec 2022 | Champaign, IL

- Predicted work groups for ServiceNow ticketing with 82% accuracy by implementing classification models and set up a framework to estimate resolution time for tickets using regression models
- Guided technology teams to help 20,000 insurance agents with social media marketing by creation of a social media marketing dashboard and toolset
- Optimized backend API functions to decrease load times by 250% which was used by the virtual assistant
- Incorporated cloud services into a high-traffic monitoring web application, implementing advanced query optimization techniques that slashed response times by 50% and significantly improved overall performance