Maanav Patel

✉ maanav.patel18@gmail.com   📞 309-533-3881   📍 Illinois   in linkedin.com/in/maanavp/

PROFESSIONAL EXPERIENCE

Epic Systems   Feb 2023 – Jun 2025 | Verona, Wisconsin
Software Developer | MyChart
- Appointed as AI lead, coordinating across engineering and product teams to evaluate and integrate AI tools, identify automation opportunities, and implement workflow improvements.
- Partnered with hospital systems nationwide to design, implement, and support complex software deployments, participating in pre-sales discussions, leading product demos, and providing on-site rollout support to ensure successful adoption.
- Led discovery sessions with hospital departments to document workflows, gather requirements, and translate operational needs into actionable feature specifications and integration decisions.
- Managed intake of technical issues and enhancement requests from hospital staff, prioritizing needs, escalating complex cases, and tracking resolutions through release cycles.
- Spearheaded integration of Bedside TV within hospital IT environments, enabling interoperability with third-party applications and MDM platforms to drive a 40% increase in adoption.
- Architected compatibility solutions with hardware providers by gathering requirements, testing integration methods, designing API connections, and managing vendor relations.
- Developed and optimized real-time two-way video calling for patient bedside TV, reducing patient response times from over 5 minutes to under 30 seconds and improving communication between hospitalized patients and clinical staff.

Solar Turbines   May 2022 – Aug 2022 | San Diego, CA
Software Engineer (Intern) | Plant Visualization Team
- Developed a custom workspace management tool using JavaScript by understanding plant operator workflows and requirements, delivering automated station interface configurations that reduced setup time by 75%.
- Implemented dynamic navigation functionality in C# to route users to specific application modules, enhancing user experience and operational efficiency through improved workflow design.
- Led UI modernization initiative for machinery control systems by creating mockups in Figma and refactoring the UI with responsive components using Bootstrap, improving usability across various devices.

State Farm   Aug 2019 – Dec 2022 | Champaign, IL
Software Engineer (Intern) | Research and Development Center
- Led development of a digital assistant for insurance agents to improve social media marketing, coordinating cross-functional teams during a manager transition to maintain momentum and deliver on schedule.
- Developed and validated ML models for ServiceNow ticket classification and resolution-time prediction with 82% accuracy, supporting data-driven optimization of service workflows.
- Profiled and refactored backend services to eliminate performance bottlenecks, improving response times by 50%.

SKILLS

Languages: C#, Python, JavaScript/TypeScript, Java, C++, HTML/CSS, Kotlin, SQL, R

Frameworks and Tools: React, Android, Flask, Redux, Docker, Kubernetes, Git, RESTful APIs, NoSQL, WCAG

Core Strengths: Cross-functional collaboration, API & ecosystem architecture, scalable systems development, UX & accessibility design, data-driven decision making, quality assurance and testing, AI-assisted development

EDUCATION

University of Illinois at Urbana-Champaign   Aug 2019 – Dec 2022 | Urbana-Champaign
B.S. Statistics and Computer Science, Minor in Business

PROFILE

Software engineer with over four years of technical expertise and product leadership experience, skilled in architecting systems, optimizing performance, and delivering user-focused solutions. Proven success in building and growing digital products across web, mobile, and TV platforms through strong cross-functional collaboration, stakeholder management, and data-driven decision-making. Balances execution and prioritization in fast-paced environments to deliver high-impact product outcomes.