Priyanka Jain

Software Engineer

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ABOUT ME

Scrum-certified computer science graduate with professional experience in designing and implementing scalable software. Proficient in diverse coding environments, I excel in cross-functional team collaborations. With a background in enhancing user experiences and customer value, I'm keen on ensuring optimal user experiences through impactful solutions.

EDUCATION

Purdue University, Bachelor of Science, Computer Science, August 2024

Software Engineering Track ● Minor in Art and Design Studio ● Certificate in Entrepreneurship

Software Engineering ● Software Testing ● Operating Systems ● Information Systems ● Data Mining & Machine Learning ● Design ● Electronic & Time Based Art ● Marketing & Management for New Ventures ● Technical Writing ● Data Structures and Algorithms ● Object-Oriented Programming

SKILLS

Programming

Java ● Python ● C ● C++ ● JavaScript

Version Control & Management

GitHub ● Jira ● BitBucket ● Trello ● Scrum

Databases

MongoDB ● SQL ● MySQL ● PostgreSQL

Frontend Web Development

HTML ● CSS ● SASS ● React ● Material UI ● Bootstrap

Backend Web Development

Flask ● Express ● Node ● Java ● REST ● gRPC ● AWS

Wireframing, Prototyping & Design

Figma ● Adobe Suite ● Blender ● Unity

CERTIFICATIONS

Certified Scrum Master

Scrum Alliance, June 2022 – 2026

- Certified on 2022-06-03
- Active through 2026-06-03

VOLUNTEERING & LEADERSHIP

President & Co-founder

Girls Who Code College Loops at Purdue, August 2020 – May 2021

- Played a pivotal role in establishing a tech community on campus, fostering an environment of learning, growth, and mutual support. Engaged actively with members, ensuring consistent growth
- Guided partnerships with other campus organizations, setting up mentoring programs and enhancing tech education outreach in the Greater Lafayette area

Pledgeship Coordinator

Delta Mu Kappa - Epsilon Class, September 2019 – May 2021

- Led the initiation and development program for 14 new members in a professional entrepreneurship fraternity, focusing on integrating them into the organization's culture and values

EXPERIENCE

Software Engineer Intern

Habu, Inc., July 2023 - Present

- Spearheaded front-end development of a new feature for the Privacy Enhancing Technologies microservice, and took initiative to enhance aspects of UI, using **React, Redux** and **Material UI**
- Focused on architectural design & implementation to enhance user interaction. Delivered scalable software that enhanced product customization, leading to increased customer adoption upon deployment
- Collaborated with engineers, UX designers, and product managers to translate **Figma** mockups into scalable and stable products. Seamlessly integrated and delivered software using a **CI/CD (Continuous Integration/Continuous Deployment) pipeline**
- Integrated **gRPC API** endpoints for efficient data flow, boosting application cohesiveness. Deployed several demos, enhancements and tests to production
- Utilized **Sauce Labs, Python, Jira** and **GitHub** to drive test strategies. Designed automated frameworks and developed **unit tests**, contributing to high code coverage and automation metrics

Frontend Developer Intern

Storysoft LLC, June 2022 – August 2022

- Converted **AdobeXD** mockups into scalable, dynamic and responsive B2C interactive web applications using **HTML, SASS, Bootstrap, JavaScript**, and **Vue,** resulting in an 7% increase in product engagement over 2 months
- Animated **SVG's**, crafted 3D visualizations using **Three.js** to enhance client presentations, and offered multiple embedding solutions for seamless website integration. Prioritized stability and adaptability within a high-standard coding framework
- Employed **Bitbucket** for version control, developing and implementing test cases in **Cypress,** ensuring robust product performance while deploying with **AWS**
- Regularly tracked metrics such as page load times, user engagement rates, and bounce rates, to meet high performance benchmarks

User Interface and User Experience Designer (Freelance)

Meditate Anytime, January 2022 - May 2022

- Crafted brand aesthetics using **Adobe Illustrator** and enhanced the user experience by wireframing and prototyping in **Adobe XD**
- Focused on **user-centric design**, improving user engagement by incorporating the new brand identity into the meditation app
- Demonstrated a strong analytical approach in transforming user feedback into actionable design enhancements for the UX and UI that increased website traffic and positive customer feedback

PROJECTS

Zest, August 2022 – December 2022

- Led end-to-end development of a recipe and nutrition analysis **REST** application using **MongoDB, Express.js, React.js,** and **Node.js**
- Addressed image storage challenges by integrating **AWS S3** for efficient handling and incorporated **Spoonacular API** for richer application content
- Coordinated tasks as a **Scrum** Master, used **Trello** and **GitHub** for effective collaboration and version control
- Prioritized accessibility by implementing testing with **Cypress** and adhering to **WCAG 2.0 standards**