PRANAV CHHABRA

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EDUCATION

B.S. in Computer Science, UW-Madison, Wisconsin, USA   [Expected Graduation: May 2024] *GPA: 3.831/4*

DEVELOPMENT EXPERIENCE

Capital One – Capstone Partnership
App Development Team Lead & Scrum Master   **[Sep 2023 – Dec 2023]**
- Spearheaded front-end development and serve as Scrum Master for a 6-member Agile team, developing an innovative iOS banking app with a unique twist: integration with a video game to make banking more engaging and fun. Utilized Swift and SwiftUI for development.
- Implemented Agile methodologies and orchestrated team activities using JIRA, leading to a 15% reduction in project timeline and a 10% increase in overall productivity.
- Steer daily stand-ups, sprint planning, retrospectives, and oversee the Scrum and Kanban boards to optimize team workflows.
- Conceptualized and executed an innovative UI/UX design using Figma, seamlessly blending banking functionalities with gamification elements, resulting in a 20% increase in user engagement and a 10% boost in customer satisfaction.
- Engage in backend discussions, with a key focus on utilizing MongoDB for database management and AWS for cloud services.
- Demonstrated strong leadership and problem-solving capabilities within a dynamic development environment, successfully steering a key project to completion while enhancing team cohesion and fostering an innovative approach.

RPA Developer Intern - AiRo Digital Labs   **[Jun 2022 – Aug 2022]**
- Engineered automation programs using UiPath software, VB.NET, and RE Framework to help reduce human interaction, save time, and decrease the stress that comes with tedious administrative and accounting tasks.
- Created an automated Invoice Processing System - system matches incoming invoice orders against pending purchase orders, significantly enhancing operational efficiency and reducing errors before final Accounts Department processing.
- Cultivated an in-depth understanding of UiPath software and Robotic Process Automation through a month of intensive training, applying this knowledge to the tasks and projects assigned to me.

COURSE PROJECTS

ScrollHub: Web Interface for Seamless Scrolling | HTML, Node.js, Material-UI   **[Summer 2023]**
- Independently designed and developed ScrollHub, employing Agile methodologies to focus on user-centric, responsive design for seamless scrolling and intuitive navigation.
- Leveraged Material-UI to create a responsive and visually appealing user interface, streamlining the development process and ensuring cross-browser compatibility.
- Employed front-end technologies like HTML and Node.js, prioritizing scalability and performance optimization for future enhancements.
- Solely managed Git, streamlining code review and debugging processes, which enhanced productivity and project efficiency.

Film Finder | HTML, CSS, JavaScript   **[Summer 2022]**
- Architected and carried out a movie discovery website that presents users with movie suggestions based on customized interests, utilizing web technologies such as HTML, CSS, and asynchronous JavaScript.
- Integrated API endpoints to fetch genre-specific movie recommendations from TMDB API, enhancing user personalization and engagement.
- Incorporated responsive design and user interactivity through like/dislike features, showcasing front-end development skills and focusing on user experience (UX).

Pet Products Online Store | HTML, CSS, MySQL, PHP   **[Fall 2021]**
- Led a two-member team in the collaborative creation of a responsive e-commerce website prototype for pet products, employing HTML, CSS, MySQL, and PHP.
- Orchestrated the database design and integration, executed a user management system, and applied web development best practices to ensure seamless front-end and back-end interaction.

OTHER EXPERIENCE

Customer Support Associate - Memorial Union Markets and Cafes, UW-Madison   **[Mar 2023 – Dec 2023]**
- Delivered high-quality service to 50+ customers daily in a fast-paced cafe, ensuring satisfaction through efficient and friendly interactions.
- Administered point-of-sale transactions, accurately processing cash and card payments, and balancing the cash register.

SKILLS

Technical: Java, JavaScript, Material UI, React.js, Swift, SwiftUI, OOP, C, HTML, CSS, Git, MySQL, PHP, Agile, Jira

Certifications: Building Web Applications in PHP - University of Michigan [Nov 2021], Cybersecurity Roles, Processes & Operating System Security – Coursera [June - July 2021], Algorithms on Graphs - UC San Diego [Oct 2021]