Patrick Vyn Badiang Smyrna, DE

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Education

Virginia Tech, Blacksburg VA
Expected graduation May 2026
- ❖ Major: Computer Science
- ❖ Relevant Coursework:
  - ➢ Cloud Software Development | Mobile Software Development |Data Structures and Algorithms II | Data Structures and Algorithms III | Intro to Computer Organization I | Intro to Computer Organization II

Skills

Programming Languages: Java, Dart, C#, Python, JavaScript, HTML, CSS
Libraries and Frameworks: SwiftUI, Flutter, React.js, Jakarta EE, Material-UI, Firebase, MongoDB, MySQL, Express, Node.js
Source Code Management: GitHub, GitLab, Git
Cloud Services: AWS, Google Cloud
Operating Systems: Linux, macOS
Tools and Platforms: Vercel, Figma, JIRA

Developer Experience

Software Developer | Pet Cent | Personal Project | *(Utilized) Flutter, Firebase*
July 2024– Present
- ❖ Architected and implemented real-time data synchronization with Firebase, enhancing user engagement and data consistency.
- ❖ Integrated OpenID Connect using Google and Apple for sign-up and sign-in authentication.
- ❖ Managing the entire development lifecycle, from concept to deployment on app stores.
- ❖ Developed cross-platform mobile application using Flutter, enabling seamless user experience across iOS, Android, and web platforms.

Web Developer | Gobbler Gauntlet | VT Hacks 12 | *(Utilized) Reactjs, MongoDB*
September 2024– September 2024
- ❖ Utilized industry-standard tools and technologies including the MERN stack, RiotAPI, and JIRA to deliver a robust and scalable solution.
- ❖ Effectively collaborated with three team members to achieve project goals, utilizing JIRA for efficient task management and tracking, which fostered strong teamwork and communication skills
- ❖ Successfully integrated third-party APIs (RiotAPI) to enhance application functionality and provide real-time data.

Web Developer | Portfolio Website | Personal Project | *(Utilized) Reactjs*
June 2024– August 2024
- ❖ Configured a CI/CD pipeline using GitHub Actions to automate deployment to GitHub Pages, streamlining development workflow.
- ❖ Developed a comprehensive online portfolio showcasing technical skills and projects, effectively demonstrating coding abilities and accomplishments.
- ❖ Enhanced user experience by crafting an intuitive interface using Material-UI, prioritizing usability and visual appeal.

Web Developer | Club Website | Filipino American Student Association | *(Utilized) Reactjs*
June 2023– December 2023
- ❖ Constructed a dynamic web application using Reactjs and Material-UI to deliver up-to-date club events to 150-200 members, enhancing engagement and community building.
- ❖ Curated responsive website for various devices, ensuring optimal user experience across platforms.

Work Experience

Dining Service Student Employee | Virginia Tech
October 2023 – May 2024
- ❖ Worked collaboratively with team members to ensure smooth operation of dining services, including restocking supplies and supporting kitchen staff during peak hours.
- ❖ Managed time effectively to balance serving duties, cleaning responsibilities, and cooking tasks, ensuring efficient workflow and minimal downtime.

Web Developer Officer | Filipino American Student Association
May 2023 – present
- ❖ Initiated a comprehensive overhaul of the organization's web presence with a team of two, resulting in the creation of a user-friendly website.