

# Patrick Vyn Badiang

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## EDUCATION /CERTIFICATIONS

**AWS Certified Developer – Associate**, Amazon Web Services (AWS),

*Achieved: February, 2025*

**Virginia Tech**

*Bachelor of Science in Computer Science*

**Blacksburg, VA**

*Graduation Date: May 2026*

## WORK EXPERIENCE

**Parsons Corporation**

*Software Developer*

**Herndon, VA**

*May 2025 – Aug 2025*

- Modernized 60% of TREX’s frontend using Google Material Design and React, enhancing scalability and usability across distributed teams.
- Architected and delivered a full-stack feature in an Agile 8-person team, leading sprint planning and integration testing for production deployment.
- Integrated real-time APIs and WebSockets to improve system reliability and responsiveness within a multi-tier architecture.
- Supported backend and DevOps workflows beyond scope—writing and testing DTOs, REST APIs, and implementing CI/CD pipelines for automated releases.

**Ascend at Virginia Tech**

*Web Developer*

**Blacksburg, VA**

*Nov 2024 - Present*

- Re-architected Ascend’s web platform using AWS Lambda, API Gateway, and DynamoDB, reducing latency by 30% and boosting uptime by 60%.
- Designed and deployed RESTful APIs to handle user workflows, enabling dynamic content updates and analytics tracking.
- Mentored junior developers in Git workflows, code reviews, and Agile collaboration using Jira & Trello, reflecting Atlassian’s team culture.

**Filipino American Student Association**

*Web Developer*

**Blacksburg, VA**

*Jun 2023 - Present*

- Built and deployed a React.js + Material-UI web app for 200+ members to centralize announcements and event logistics.
- Introduced Agile sprints and issue tracking to improve transparency and velocity across a multi-developer student team.

## SKILLS & INTERESTS

Languages: Python, Java, Swift, Dart, C#, JavaScript, TypeScript

Frameworks: React.js, Node.js, Spring Boot, Express, Flutter, Material-UI, WildFly

Cloud & DevOps: AWS (Lambda, API Gateway, DynamoDB, S3), Docker, CI/CD

Tools: Jira, Trello, Git, GitHub, GitLab, Figma, Xcode

Core Competencies: Distributed Systems, API Design, Data Structures & Algorithms, Agile Development