

# Kevin Nguyen

Software Developer

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## SUMMARY

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Motivated Software Developer with a strong passion for developing scalable web applications across the full stack. Proficient in building distributed applications using modern technologies such as Java, JavaScript, MYSQL. Experienced in collaborating within teams to meet deadlines and deliver high-quality applications. Effective communicator and adept problem solver. Preparing for the AWS Cloud Practitioner Certificate.

## EXPERIENCE

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### Software Developer - American Health Care Academy

Apr 2024 - Nov 2024

- Improved the User Experience (UX) of a full-stack web site tailoring to consumers for medical certification
- Integrated a consumer-based website with Google Ads API and Google Analytics
- Performed requirement gathering, design, implementation, and testing web applications
- Improved dashboard reporting to executives by working with SQL queries and server-side logic

### Lead Developer - Google Analytics Event Tracking System

- Led the development of an event tracking system in Google Analytics to monitor user retention and identify drop-off points across the customer journey.
- Designed and implemented automated reports that analyzed user behavior by customer path, device type, and geographic location, providing actionable insights for executive decision-making.
- Enabled data-driven optimization strategies by presenting retention metrics in weekly reports to the CEO, facilitating targeted website improvements to boost user engagement.

### Full-Stack Developer - Database-Driven Web Application

- Developed a full-stack web application from scratch that scrapes data from multiple websites, aggregates it into a MySQL database, and displays it interactively on a custom-built interface that allows data manipulation.
- Applied MVC architecture to structure the application for maintainability, scalability, and efficient handling of backend queries and frontend display.
- Built engaging interactive features that manipulate the aggregated data to enable user-friendly games.

## SKILLS

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| • Programming Languages: | Java, Python, JavaScript, C/C#, PHP                         |
| • Databases:             | MySQL, MongoDB, PostgreSQL,                                 |
| • Web Development:       | HTML5, CSS3, Node.js, XML                                   |
| • Version Control:       | Git/GitHub, Bitbucket, Sourcetree                           |
| • Platform/Protocols:    | REST API, familiar with OAuth2, third-party SDK integration |
| • Cloud:                 | AWS (preparing for AWS Cloud Practitioner Certificate)      |

## EDUCATION

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University of Maryland  
Bachelor of Science in Computer Science

College Park, MD