



# JAY NAGAR

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## Summary

**Full Stack Developer with over ten years of industry experience.** Proficient in developing comprehensive web applications, handling everything from user interface and front-end development to back-end database management. Adept at designing and developing efficient and scalable systems. Skilled in integrating modern technologies to build robust, user-friendly applications.

## Skills

- Python
- Open AI
- Machine Learning
- SQL Server, MySQL, PostgreSQL, Azure
- Pandas
- XML, JSON
- HTML
- JQuery
- AJAX
- Web Security
- Full-stack development
- Application Development
- PHP
- Content Management Systems
- Front-End Programming: HTML5, CSS3/SCSS, AJAX, Javascript
- Wordpress

## Experience

### Development Manager

10/2018 - Current

Luckie

- **Led successful project delivery** by coordinating development efforts, providing technical leadership through strategic coaching, and ensuring high software quality by promoting best practices and a culture of excellence. **Facilitated collaboration** to design effective, efficient, and scalable solutions, and **architected technical solutions** for robust, maintainable systems.
- **Proficient in Python**, with extensive experience in scripting, automation, and software development, including integrating OpenAI API for AI-driven applications and developing machine learning models using Python libraries. **Skilled in SQL Server** for database design, implementation, and management, and **experienced in writing complex SQL queries** for data analysis and business intelligence. **Adept with Pandas** for data manipulation and preparation, and **experienced with Docker** for containerizing applications.
- **Kept abreast of emerging technology trends** and fostered a learning environment within the team. **Accurately estimated project efforts** and requirements, ensuring realistic timelines and resource allocation.
- **Developed pharmaceutical websites** using Adobe Experience Manager (AEM), managing website deployments and content updates. **Conducted thorough code reviews** to maintain high standards and ensure code quality.

### UI/UX Developer

08/2017 - 10/2018

EY/Ernst & Young | Alpharetta, GA

- **Contributed to diverse application development projects** using HTML5, CSS3, and LESS,

focusing on both front-end and back-end solutions. **Designed user interfaces and enhanced customer experience** through navigation flow, page layouts, and custom graphics. **Developed a scalable, maintainable application framework** and established a CSS architecture to streamline organization, promote code reuse, and simplify debugging. **Created compliant, semantic HTML5/CSS3 applications**, ensuring accessibility and performance while resolving cross-browser and cross-device issues for a consistent, optimized user experience.

#### Web Developer

01/2012 - 08/2017

Aptos | Atlanta, GA

- **Led diverse web development projects**, delivering high-quality, user-focused websites and applications. **Designed user interfaces and improved customer experiences** through navigation flow, page layouts, and custom graphics. **Developed compliant HTML/CSS e-commerce websites** and converted Photoshop/Illustrator designs into responsive, div-based layouts. **Ensured cross-browser compatibility** and adherence to usability standards. **Authored and optimized JavaScript** (primarily jQuery and some Prototype) to enhance functionality. **Documented technical specifications** and managed the entire website creation process, including wireframing, markup, scripting, coding, and QA testing. **Utilized source code management systems** like SourceGear Vault and GIT for version control. Developed websites for notable clients such as Abbott Store, Tempur-Pedic, Inbox Fitness, and Magic Cabin using a range of technologies including HTML/CSS, JavaScript, jQuery, Prototype, ASP, SQL, Photoshop, and Illustrator.

#### Full Stack Developer

10/2010 - 01/2012

Cirilian, Inc. | Atlanta, GA

- **Consolidated legacy websites into a CMS** to streamline content management for non-technical users, and **developed integrated shopping cart functionality** for easy product data management. **Merged two language-specific sites into one**, utilizing an external data store for dynamic content based on user language preferences. **Created a user-friendly content management tool** allowing direct content updates by admin users. **Led development and updates** for websites and forums (www.marx.com, www.cryptotech.com, www.cryptoken.com), using PHP, HTML, CSS, jQuery, JavaScript, AJAX, XML, PostgreSQL, and Adobe Photoshop.

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#### Education and Training

**Bachelor of Science: Computer Engineering**  
Ohio State University | Columbus, OH

12/2005