



# NICHOLAS HO

## ABOUT ME

Computer Science undergraduate at Binus University with over 2 years of professional experience. Currently holding dual roles as a Lead Developer at Nexus Software and a Part-Time Full Stack Developer at Galva Group. Proven track record in engineering complex Warehouse Management Systems using ASP.NET & SQL, alongside building modern client web solutions with Next.js & Tailwind CSS. A proactive problem-solver committed to delivering scalable, high-quality software architectures.

## PERSONAL INFORMATION



Computer Science (Global Class)



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## TECHNICAL SKILLS

- **Languages:** JavaScript, C, Python, PHP, C#, SQL.
- **Frontend Development:** React.js, Next.js, Tailwind CSS, HTML5, CSS3, Bootstrap, jQuery.
- **Backend & Frameworks:** Node.js, Laravel, ASP.NET.
- **Cloud & DevOps:** Alibaba Cloud (Certified), AWS, Git.
- **Soft Skills:** Technical Leadership, Mentorship, Project Management, Cross-functional Collaboration.

## WORK EXPERIENCE

### Full Stack Developer (Part-time)

#### Galva Group

(Apr 2024 – Present)

- Architected a comprehensive Warehouse Management System (WMS) using ASP.NET.
- Developed a Transport Tracker system using React and C# Web API to monitor product logistics in real-time.

### Lead Developer

#### Nexus Software Development Agency

(Oct 2025 – Present)

- Spearheaded the development of high-performance websites for diverse clients using Next.js and Tailwind CSS.
- Managed the full development lifecycle for client web solutions, translating business requirements into modern, scalable frontend code.

### Full Stack Developer (Freelance)

#### Galva Group

(May 2023 – Aug 2023)

- Developed responsive internal sales dashboards using ASP.NET, Bootstrap, JavaScript, and jQuery to digitize manual sales operations.
- Designed and implemented complex backend logic to handle sales data processing.

### Software Developer (Internship)

#### Galva Group

(June 2022 – July 2022)

- Engineered a location-tracking CRUD application integrating Google Maps API and real-time chatting.
- Built the solution using VB.NET (Visual Basic) for field communication and data tracking.

## RESEARCH

### Machine Learning Algorithms for HIV/AIDS Prediction using Explainable AI

ICORIS (2025)

Co-authored a study analyzing socio-behavioral data to detect HIV/AIDS, achieving 97% accuracy with Random Forest and XGBoost while using SHAP to enhance model transparency for clinical decision-making.

## CERTIFICATIONS

- **Alibaba Cloud Certified Associate: Cloud Engineer** (May 2025)
- **NVIDIA: Building Conversational AI Applications** (Aug 2025)
- **AWS Educate: Getting Started with Compute & Introduction to Cloud 101** (Oct 2024)

## EDUCATION

- **Binus University** (2023-Present)
  - **GPA:** 3.81
  - **Freshmen Leader & Partner:** Mentored new students during orientation.
  - **Staff of Web Development (HIMTI):** Contributed to TECHFEST & TECHNO event websites.
- **Santa Ursula BSD Highschool** (2021-2023)