

# Dinh Binh Bui

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## Results-Driven Senior Developer

Seasoned Senior Developer with over 10 years of hands-on experience in software development. Adept at crafting robust and user-centric Windows applications, with an additional 6+ years of dedicated work as a full-stack and back-end developer for web applications.

## WORK EXPERIENCE

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### SENIOR SOFTWARE DEVELOPER

2011 – 2022

VIGILANT VIDEO COMPANY (A MOTOROLA SOLUTIONS COMPANY)

1/1/2023 – Present: working remotely

- **Led a High-Impact Team**
  - Orchestrated a four-member team to enhance the license plate classification feature (LPR engine) for the Middle East, **achieving a remarkable 90% accuracy**. This accomplishment **secured a contract worth 1.5 million USD**, unlocking vast potential for future projects in the region.
- **Innovative REST API Integration**
  - Spearheaded the design and development of REST API services, **reducing data transfer latency** between ANPR software and Police third-party software. This initiative enhanced integration capabilities and streamlined operations.
- **ANPR SDK Development**
  - Led a team to design and develop the ANPR SDK, empowering end-users to create customized UIs and interact seamlessly with Vigilant's ANPR features. The SDK has garnered positive feedback from numerous satisfied customers.
- **Product Roadmap Adherence**
  - Developed new features for ongoing ANPR products, aligning with the Product Roadmap deadlines and taking requirements from the US Product Manager. Ensured the maintenance and bug-fixing of released features.
- **Fullstack Web Application Development**
  - Designed and developed a comprehensive web application for managing and monitoring the status of all ANPR Cameras and ANPR edge software. Implemented features such as real-time alerts for underperformance or offline cameras.
- **LEARN Product Contribution**
  - Participated in the development of web application features (Back-end position) for the LEARN product (now Vehicle Manager). The system manages over 1 billion license plate records, offering efficient query and search functions, and advanced analytics features to aid law enforcement.

### Tech stacks/tools used:

- C#.Net/.Netcore, ASP.Net/.Netcore, C++, Web API/Rest API, AJAX, JavaScript, JQuery, Bootstrap, HTML.
- IIS, RabbitMQ, Jira, GitHub, Git, SQL Server, MySQL, ItextSharp, CrytalReport.

- **Web Application Development**
  - Collaborated in the development of robust web application features in a back-end role for a groundbreaking Facial Recognition product. Applied my expertise to deliver advanced functionalities that seamlessly integrate with the product's core capabilities.
- **Facial Recognition Solutions**
  - Participated in developing high-performance Windows applications, leveraging advanced techniques in multi-threading and multi-micro-process architectures for an impactful Facial Recognition product.
- **Embedded DSP Devices**
  - Played a pivotal role in the collaborative development of embedded DSP devices with a specialization in image processing for revolutionary Video Analytic products. My involvement in this dynamic and technically challenging project underscored my commitment to excellence in crafting advanced embedded systems.
- **Innovative Windows Applications**
  - Engineered high-performance and robust Windows applications, showcasing expertise in multi-threading and pioneering multi-micro-process architectures. Spearheaded the development of cutting-edge Video Analytic products.

**Tech stack/tools used:**

- C++, C#, HTML, JavaScript, CSS, JQuery, WCF.
- MySQL, CrytalReport, Visual SourceSafe, TFS.

## SKILLS

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**C++ (MFC/Standard): Exp. 6+ years,**  
**C# .Net: Exp. 8+ years,**  
**OOP: Exp. 8+ years,**  
**Winforms/WPF: Exp. 6+ years,**  
**.NetCore/MVC: Exp. 3+ years,**  
**HTML/CSS/JavaScript: Exp. 4+ years,**  
**NodeJs/ReactJs: Exp. 1 years,**  
**Multi-Threading/Process: Exp. 8+ years,**  
**Rest API / Micro Services: Exp. 4+ years,**  
**SQL Server/MySQL: Exp. 6+ years,**

## EDUCATION

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**Bachelor of Information Technology**

*Natural Science University, Vietnam*

Subjects included: Maths, Object Oriented Programming, Computer Networks, Architecture, System Analysis and Design, System Programming, Data Structures and Databases.

**Internal training courses that joined:**

Cyber Security for Web Developer.  
Flutter.  
Python.  
DevOps.

**Certifications:**

PTE Academic 58.