NGUYEN DUC MINH

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Education

HNUE High School for Gifted Student   Cau Giay, Hanoi
Major: Informatics   Aug 2018 - Aug 2021
GPA: 9.1/10.0
Achievements: Member of school's Informatics Training Team for National Olympic preparation

FPT University   Hoa Lac Hi-Tech Park
Major: Software Engineering   Sep 2021 - Current
GPA: 3.2/4.0

Experience

Rikkeisoft   Cau Giay, Hanoi
ReactJS Developer (Fresher)   Device placement design app   Nov 2024 – April 2025
- Developed a professional camera system design and management tool using Next.js and TypeScript.
- Built a WebView-based iOS app enabling users to design camera and outlet layouts interactively.
- Implemented multi-language support.
- Built a comprehensive camera management system supporting multiple camera types and specifications.
- Implemented auto-saving for device specifications data input and saving canvas as snapshots.
- **Technical Stack**: ReactJS, TypeScript, Material-UI, Fabric.js, Tailwind, Swift, SQLite, IndexedDB, i18next, Zustand.

Rikkeisoft   Cau Giay, Hanoi
PowerShell Developer (Fresher)   Active Directory User Management Script   Nov 2024 – April 2025
- Developed a PowerShell script to automate user management in Active Directory using a CSV input.
- Implemented logic to **add, update, or remove** users based on fields like username, organization, password, and group memberships.
- Used PowerShell cmdlets (Import-Csv, New-ADUser, Set-ADUser, Remove-ADUser, Add-ADGroupMember, etc.) to interface with AD.
- Improved efficiency of bulk user operations and reduced manual admin workload.

Rikkeisoft   Cau Giay, Hanoi
Full stack Developer (Fresher)   Admin app for crypto wallet management   April 2024 – August 2024
- Developed and maintained a robust admin service for a wallet management system using .NET Core.
- Implemented secure authentication and authorization using JWT tokens with role-based access control.
- Designed and implemented notification system supporting both email and push notifications with scheduling capabilities.
- Integrated with Google Cloud Platform (GCP) for Pub/Sub messaging.
- Implemented gRPC communication for inter-service communication.
- Developed background workers for handling scheduled tasks and notifications.
- Participated in developing a frontend application using ReactJS for the admin service.
- **Technical Stack**: ReactJS, TypeScript, .NET Core, PostgreSQL, Entity Framework Core.

FPT Software   Cau Giay, Hanoi
.NET Developer (Intern)   Sep 2023 – Dec 2023
- Joined the training program given by mentor.
- Developed and implemented backend functions.
- Learned about design patterns and software architecture (Modular monolith).

- Practiced version control using Git and GitLab.
- Logged work using Jira, managing tasks through agile workflows.
- Gained hands-on experience in team collaboration, code review, and documentation.
- Finished training program.

Skills

Programming: C/C++, Java, C#, JavaScript, PowerShell
Algorithm: Dynamic Programming, Binary Search, Sorting, Greedy, Recursion
Libraries & Frameworks: .NET Core, ReactJS, Material UI, Tailwind
Databases: MySQL, SQLite, SQL Server, Redis
Languages: English (IELTS 6.5 - 2021), Vietnamese (native)
Always eager to learn new technologies and adapt to team needs in fast-paced environments.

Personal Project

Full stack Developer   Smart Menu Ordering System   Jan 2024 – April 2025
- **Link**: https://smos-internal.netlify.app
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- Developed a dual-application restaurant management system using React.js
- Admin Dashboard:
  - Built real-time analytics and order management system
  - Implemented staff coordination and reporting features
  - Created responsive UI with Material-UI components
  - Integrated real-time updates using SignalR
  - Added QR code generation for various operations
  - Implemented data visualization with Recharts
- Customer Application:
  - Developed intuitive ordering interface
  - Implemented real-time order tracking
  - Created interactive menu browsing system
  - Integrated Google Maps for location services
  - Built responsive design
- **Technical Stack:** ReactJS, Material-UI, Bootstrap, SignalR, React Hook Form, .NET Core API, Entity Framework, SQL Server

Reference (If needed)

Name: Tran Van Hai
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Relationship: Leader/Supervisor at Rikkeisoft