

# MAN VU

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## SUMMARY OF QUALIFICATIONS

- 6 years' experience building, deploying, and optimizing cloud-native SaaS and web applications; primary focus on scalable front-end architecture (React/TypeScript), design systems, automation, Azure, and backend systems.
- Highly proficient with Generative AI tools (**GitHub Copilot**, **ChatGPT/Codex**); leverage AI daily to accelerate development, automate workflows, and rapidly prototype robust solutions.

## TECHNICAL SKILLS

- **Cloud:** Azure (App Services, SQL, Functions, ARM, Storage), Azure DevOps, Docker, CI/CD, IaC
- **Languages:** C#, PowerShell, Python, TypeScript, JavaScript, SQL
- **Frameworks:** React, .NET, Node.js, REST APIs, Microservices
- **Front-End:** Component-driven development, design systems, accessibility (WCAG/ARIA), React Testing Library, Jest
- **Other:** AppInsights monitoring, Agile/Scrum Documentation, TDD, automated testing, functional programming

## PROFESSIONAL EXPERIENCE

### Full-Stack Engineer

Sept 2021 – Present

ABELSoft Inc. (Dental SaaS)

Remote, Canada

- Migrated and refactored major ABELDent modules: financials (reporting), scheduler/appointments, charting/periodontal, and clinical notes (developed a custom utility to resolve concurrent note conflicts).
- Transitioned core backend logic from OData/legacy C++ to C# with Azure-hosted APIs and data contracts, improving maintainability and performance.
- On-call DevOps: Monitored production health post-release, managed Azure/AppInsights alerts, and executed failovers/restarts as needed (HIPAA-compliant logging).
- Authored and maintained internal Dev Wiki documentation (Azure DevOps) for workflow, troubleshooting, design patterns, and system architecture. Participated in and led code reviews to ensure code quality, consistency, and maintainability.
- Automated customer migrations (LS to CS) with PowerShell scripts, including SQL version compatibility fixes and cloud/local data preservation utilities.
- Provided technical support and guidance to other teams and implementers consuming shared tools and components.

### Junior Software Developer

Jan 2020 – Aug 2021

ABELSoft Inc.

Remote, Canada

- Contributed to the design, normalization, and performance optimization of complex SQL database schemas for high-availability reporting and analytics.
- Remediated 1,000+ unit/integration tests to reduce deployment bugs by 25%.

## KEY PROJECTS

### Nail Salon Appointment Platform (Live demo: [dreamy-nails.netlify.app](https://dreamy-nails.netlify.app)) | React, TypeScript, Azure, Node.js, Docker 2025

- Built and deployed a full-stack appointment scheduler on Azure using microservices, ARM for IaC, automated DevOps pipeline, and cost optimization.
- Designed and implemented a reusable component library in React/TypeScript, with emphasis on accessibility and functional programming principles.
- Implemented automated front-end testing with Jest and React Testing Library; followed component-driven and TDD approaches.
- Collaborated with UI/UX designers for user-centric design and workflow.
- Project developed using CodeRocket, Copilot, and ChatGPT Codex for rapid prototyping and robust code quality.

## EDUCATION & CERTIFICATIONS

### Honours B.Sc. in Computer Science

Expected Dec 2025

University of Ottawa

Ottawa, ON

### Advanced Diploma in Software Development, Honours Graduate

2021

Mohawk College

Hamilton, ON

- **Azure Developer Associate (AZ-204)**

Microsoft

## INTERESTS

- Investing, options trading, finance, chess, badminton, esports.