

Alex Nguyen

alex.khanh.nguyen@outlook.com | 403-560-5899
Calgary, Canada T2A 7S6

SUMMARY

Eager and aspiring full stack web developer with a strong foundation in problem-solving, critical thinking, communication, team building, and strong attention to detail. Passionate about tackling challenges, applying analytical thinking, and effectively conveying ideas to clients and collaborators. Enthusiastic about building collaborative environments, leveraging the strengths of the team, and delivering precise and high-quality work through meticulous attention to detail. Seeking opportunities to further develop these soft skills while expanding technical expertise to contribute to impactful web development projects.

SKILLS

- Full Stack Web Development
- RESTful APIs
- Object Oriented
- UX/UI Design: Adobe XD, Figma
- Version Control Systems: Git, GitHub
- Prompt Engineering with AI: ChatGPT
- SQL and NoSQL
- Problem Solving
- Critical Thinking
- Communication
- Work Under Pressure
- Strong Attention To Details
- Understanding of web development concepts, including responsive design, cross-browser compatibility, and web performance optimization

LANGUAGES AND FRAMEWORKS

- Languages & Database - HTML, CSS, JavaScript, Java, Oracle, MongoDB
- Frameworks & Libraries - React, NextJS, Express, NodeJS, Tailwind, SpringBoot, JSON Web Token

PROJECTS

Full Stack Web Developer

Romantiko Barbershop

Website: <https://next-barbershop.vercel.app/>

- **Web Application Development:** Developed booking web application using HTML, CSS, JavaScript, ReactJS, NodeJS, NextJS, MongoDB.
- **Backend Integration:** Connected the frontend to the backend by implementing backend routes with Axios for efficient data communication.
- **State Management:** Implemented state management using Redux, particularly for admin, staff

privileges, ensuring smooth and organized data handling.

- **API Development:** Created backend API routes, including GET, POST, DELETE, and UPDATE endpoints, enhancing the application's functionality.
- **Security Enhancement:** Strengthened application security by applying JSON Web Token (JWT) for user authentication and authorization, safeguarding user data and actions.
- **Middleware Implementation:** Managed application middleware to control protected routes and booking confirmations, enhancing user experience and security.
- **Database Design:** Designed optimized database schemas to efficiently store and manage data generated by web applications, improving data retrieval and performance.

Front-End Web Developer

Taichi Massage & Therapy

Website: <https://taichicentre.vercel.app>

- **Web Application Development:** Built a wellness web application from the ground up, utilizing HTML, CSS, JavaScript, ReactJS, NextJS, and Tailwind.
- **Responsive Design:** Created a responsive user interface with Tailwind CSS, ensuring an optimal viewing experience across various devices.
- **Efficient Page Routing:** Implemented efficient page routing using Next.js, enhancing navigation and performance for users.
- **Content Creation:** Developed and authored engaging and informative page content, enhancing the overall user experience and conveying the essence of wellness centre.

EDUCATION

Information Technology : Software Development

Southern Alberta Institute of Technology | Calgary, AB

PORTFOLIO

- <https://alexnguyen-portfolio.vercel.app>