Alexander Dung

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SUMMARY

Software Engineer with three years of experience designing, developing, and optimizing web applications. Proficient in React.js, Next.js, TypeScript, and Tailwind CSS, with a strong background in building responsive UIs and improving application performance. Skilled in backend development using Spring Boot and Node.js, focusing on reducing API response times, optimizing database queries, and implementing scalable microservices. Seeking a role where I can apply my expertise to deliver efficient and high-quality software solutions.

SKILLS

- **Programming Languages:** Java, Python, JavaScript (ES6+), C++, SQL
- **Backend & APIs:** Spring Boot, Node.js, Express.js, RESTful APIs, Microservices
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, HTML, CSS, Bootstrap
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Version Control:** Git
- **Soft Skills:** Communication, Teamwork, Leadership

WORK EXPERIENCE

Software Engineer | Confiance Marketing | Remote | Jan 2024 – Feb 2025
- Developed a custom-built Travel CRM platform using React.js, Tailwind CSS, and TypeScript, leading to a 20% increase in customer engagement.
- Implemented reusable UI components, resulting in a 30% improvement in navigation efficiency.
- Designed and integrated RESTful APIs to establish seamless communication between the frontend and backend app, reducing data retrieval time by 40%.
- Conducted software testing, identifying and fixing critical performance bottlenecks, and improving system uptime.
- Refactored API logic, cutting down response times by 35% and optimizing real-time data synchronization.

Full Stack Java Developer | Digital Molecule Pvt Ltd | Delhi | Aug 2021 – Nov 2023
- Enhanced highly efficient RESTful APIs, reducing request processing time by 25%, resulting in a smoother user experience.
- Revamped the UI/UX by integrating lazy loading and efficient state management, improving load times by 35%.
- Improved query execution and indexing strategies, leading to a 40% reduction in database latency and better system performance.

PROJECTS

Travel CRM Platform
- Generated a scalable front-end for a customer relationship management (CRM) platform for the travel industry using React.js and Tailwind CSS, enhancing the UI/UX experience and reducing page load times by 45%.
- Engineered RESTful APIs that optimized data communication between services, reducing latency and increasing data retrieval efficiency by 30%.
- Optimized data-fetching mechanisms with pagination and caching strategies, reducing API call frequency and enhancing UI rendering speed by 50%.

Restaurant Website (React.js): GitHub Link | Deployed Link
- Designed and developed a fully responsive restaurant website with a digital menu, contact form, and customer review system.
- Implemented responsive UI using React.js and CSS3, ensuring a seamless experience across mobile and desktop devices.
- Integrated real-time backend API communication, improving the accuracy and speed of menu updates.

EDUCATION

Lovely Professional University | Bachelor of Technology in Computer Science, 2021

ACHIEVEMENTS

- Created a CRM system automation that reduced workflow inefficiencies by 40%, increasing team productivity.
- Redesigned the microservices framework, achieving a remarkable 30% reduction in API latency; led to increased end-user satisfaction scores through streamlined access to critical application functions.
- Diagnosed and resolved memory leaks in a full-stack application, improving server efficiency and reducing crashes by 20%.

CERTIFICATIONS

- **Python Programming**, Udemy
- **JavaScript Programming**, Board Infinity