Thomas Moras

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Autorized to work | Professional English | French Native

SUMMARY

Full Stack Software Engineer with 6 years of experience in enterprise solutions, specializing in building scalable applications using **Next.js, Node.js**, and **TypeScript**. Proven expertise in developing robust **RESTful APIs**, implementing **microservices architectures**, and creating responsive web applications. Strong background in database design, system optimization, and modern development practices. Additional experience in Web3 technologies. Seeking challenging Full Stack opportunities in Toronto to leverage my comprehensive software engineering experience.

TECHNICAL SKILLS

Frontend Development:

➢ **React/Next.js:** Advanced state management, SSR implementation, performance optimization, component architecture

➢ **TypeScript/JavaScript:** Strong typing, modern ES6+ features, async programming, performance optimization

➢ **UI Development:** Tailwind CSS, Shadcn/ui components, responsive design, cross-browser compatibility

➢ **State Management:** Context API, Redux, React Query for efficient data handling

➢ **Testing:** Jest, React Testing Library, E2E testing with Cypress

Backend Development:

➢ **Node.js:** RESTful APIs design and implementation, microservices architecture, API gateway patterns

➢ **Database Design:** SQL (PostgreSQL, SQL Server) schema design, query optimization, NoSQL solutions

➢ **API Development:** REST architecture, OpenAPI specifications, API security best practices

➢ **Performance:** Caching strategies, database optimization, load balancing considerations

➢ **Security:** Authentication/Authorization implementation, OWASP security practices

DevOps & Cloud:

➢ **Version Control:** Git, GitHub, branching strategies, code review workflows

➢ **CI/CD:** GitHub Actions, automated testing, deployment pipelines

➢ **Deployment:** Vercel, Docker containerization, environment configuration

➢ **Monitoring:** Application logging, performance metrics, error tracking

Additional Skills:

➢ **Blockchain:** Smart contract development (Solidity), Web3 integration, DApp architecture

➢ **Project Management:** Agile/Scrum methodologies, team collaboration, technical documentation

➢ **Tools:** VS Code, Postman, various IDE's, Notion, Obsidian

PROFESSIONAL EXPERIENCE

Lead Web3 Developer - Pulse Project (RS6515 Certification Project)   **Nov 2024 - Present**
National Blockchain Development Certification

➢ Architected and developed a full-stack application using Next.js, TypeScript, and Node.js

➢ Implemented responsive UI components using Tailwind CSS and Shadcn/ui

➢ Designed and developed RESTful APIs with proper error handling and validation

➢ Built automated CI/CD pipeline with GitHub Actions, including test coverage reporting

➢ Implemented secure user authentication and authorization

➢ Created comprehensive API documentation following OpenAPI standards

➢ Optimized application performance through efficient state management and SSR

➢ Integrated blockchain features using Web3 technologies

Technologies: *Next.js, Node.js, TypeScript, PostgreSQL, Tailwind, Shadcn, Git, GitHub Actions*
Tools: *VS Code, Cursor, Notion, Obsidian, Github, Vercel*

Senior Software Engineer | [INEO Nuclear](#) | France   **Nov 2018 - Sept 2024**

Ineo Nuclear, an Equans subsidary, provides specialized multi-technical services for nuclear facilities, including design, construction, rehabilitation, maintenance, operations, and site security.

➢ Led development of enterprise-scale applications handling critical business workflows
➢ Designed and implemented RESTful APIs supporting multiple client applications
➢ Optimized database performance and implemented efficient data access patterns
➢ Architected microservices-based solutions for improved scalability and maintenance
➢ Engineered data pipelines using PostgreSQL and SQL Server for analytics and reporting
➢ Developed proof of concept applications leveraging modern tech stack and Docker
➢ Mentored junior developers and supervised intern teams
➢ Implemented secure authentication and authorization systems
➢ Created comprehensive technical documentation and API specifications

Technologies: Node.js, Java, C# (.NET), REST APIs, PostgreSQL, SQL Server, Git, Docker
Tools: VS Code, IntelliJ, Github Enterprise, Maven, Postman, Obsidian, Power BI

Full Stack Developer (Apprenticeship)|[Pegasus developpement](#) |France   **Oct 2017 - Nov 2018**

Pegasus Group, founded in 1995, is a private and independent building engineering and sustainable development firm specializing in both public and private sector construction projects.

➢ Developed and maintained enterprise resource planning (ERP) system
➢ Implemented full-stack modules for business operations and document generation
➢ Designed and optimized SQL Server database architecture
➢ Collaborated in 4-person Agile team using GitHub and Slack
➢ Created responsive front-end interfaces using Angular 5

Technologies: C#, Entity Framework, .NET, SQL Server, JavaScript, Angular 5

EDUCATION & CERTIFICATIONS

Web3 Development Certification | [Alyra Blockchain School](#) |Remote, France   **Sept 2024 - Jan 2025**

• Advanced smart contract development
• DApp architecture and implementation
• Blockchain security best practices

Master's Degree, Information Systems | [Isitech Partner Formation](#) | Lyon, France   **2017-2019**

• Focus on distributed systems

Bachelor's Degree, Computer Science |Polytech Nice Sophia | Lyon, France   **2014-2017**

LANGUAGES

➢ French (Native)
➢ English: Professional Working Proficiency (TOEIC 800)