Jonathan MacLeod

Senior Full-Stack Engineer

2015-Present

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Canada

Objective

Dedicated and efficient full stack developer with 7+ years of experience in application layers, presentation layers, and databases. I specialize in developing robust digital solutions using Laravel, React, and Vue.js, combined with a proficiency in Python. With expertise in generative AI and ChatGPT, I offer a unique edge to your projects.

Experience

Lead Full-Stack Engineer

SteelKiwi, Ukraine

Nov 2022 – Sep 2024

As a Lead Full Stack Developer at SteelKiwi, I specialized in architecting and developing scalable applications using React and Node.js. Leading a team of developers, I ensured our applications met client requirements for functionality, performance, and reliability. My role involved overseeing full-cycle project development, from planning and requirement analysis to deployment and maintenance.

- Spearheaded the design and implementation of web applications using a Node.js backend, with a focus on RESTful API development, and a React frontend for rich client-side interactivity.
- Collaborated with cross-functional teams, including UI/UX designers and product managers, to drive a seamless user experience.
- Optimized backend processes in Node.js for enhanced performance and scalability, especially in data-heavy applications.
- Conducted code reviews, mentoring sessions, and workshops to uplift team members' skills, ensuring alignment with best practices.
- Implemented CI/CD pipelines to streamline development and deployment processes, significantly reducing project turnaround times.

Senior Full-Stack Engineer

SteelKiwi, Ukraine

Sep 2020 – Oct 2022

As a Senior full-stack engineer, I played a crucial role in leading the development of innovative digital solutions for clients across various industries, including Real Estate. Leveraging our domain expertise in Real Estate and utilizing the MERN Stack (MongoDB, Express.js, React.js, Node.js), I spearheaded a transformative project aimed at revolutionizing the client's real estate operations.

- Established the DevOps pipeline incorporating Amazon Web Services (AWS) alongside Docker and Jenkins, automating build, test and deployment processes. Automated build, test, and deployment processes while leveraging AWS services for scalable infrastructure provisioning, deployment automation, and continuous monitoring.
- Designed and developed RESTful APIs using Node.js and Express.js, for efficient data management, enabling seamless property handling and user authentication.
- Heavily involved in React frontend development, crafting intuitive UI with features like map-based property search. Enhanced user engagement through dynamic filtering and responsive design.
- Seamlessly integrated payment processing using Stripe's API, ensuring secure and streamlined transactions for users. Additionally, integrated other third-party services such as geolocation services, extending platform functionality and enhancing user experience.
- Optimized code and database performance, leveraging AWS service like Amazon Cloud Front and Amazon RDS to improve platform speed and responsiveness. Enhanced user interactions through efficient resource utilization and reduced latency.

Full-Stack Developer

Webtec, Canada

Aug 2018 – Aug 2020

Developed a dynamic e-commerce platform with leveraging React, Next.js to create a robust and user- friendly online shopping experience. Integrated payment gateways seamlessly, ensuring secure transactions and enhancing customer trust and satisfaction.

- Demonstrated proficiency in web development using React, Next.js, and Node.js, focusing on creating scalable and efficient web applications.
- Successfully integrated payment systems into web applications, ensuring seamless and secure transactions for users.
- Contributed significantly to enhancing data analytics platform, leveraging Python, Django, and React.js to optimize performance and deliver actionable insights to clients.
- Thrived in a collaborative work environment, collaborating with cross-functional

teams to deliver high-quality solutions that meet client requirements and exceed expectations.

Freelance Software Developer

Freelancer.com

May 2016 – Mar 2018

Mainly focused on smaller projects such as fixing bugs and integrating API so that satisfy the clients' requirements resolving problems each other and satisfy the deadline within desired budget.

- Completed over 25 projects with a client satisfaction rating of 4.9/5, consistently delivering high-quality software solutions.
- Developed and deployed custom web and mobile applications for diverse clients, resulting in a 30% increase in client retention.
- Collaborated with cross-functional teams to design and implement innovative software solutions, resulting in a 20% improvement in project efficiency.
- Utilized programming languages such as Python, PHP/Laravel, and JavaScript to create scalable and robust software systems, reducing system errors by 25%.
- Conducted thorough testing and debugging, resulting in a 15% decrease in bug reports and ensuring seamless user experiences.
- Actively participated in code reviews, providing constructive feedback to team members and fostering a collaborative work environment.

Technical Expertise

Programming Languages:

- JavaScript, TypeScript, Python, Ruby, PHP, C/C++/C#, HTML, CSS

Front-end Development:

- Frameworks and Libraries: React, Next.js, Vue.js, Nuxt.js, Angular, Angular.js, Svelte, Laravel
- State Management: Redux, Vuex, Mobx, Redux-Thunk
- UI Libraries: Styled Components, Material-UI (MUI), Tailwind CSS, Ant Design
- Animation Libraries: Framer Motion, React Spring, React Transition Group
- Component Structure and Organization: Component Splitting, Higher Order Components (HOCs), Conditional Rendering

Back-end Development:

- Frameworks: Node, Express, Nest, Laravel, Django, Ruby on Rails

- Database: MongoDB, MySQL, PostgreSQL, Supabase
- Data Fetching and Management: Memorization, Data Pagination and Lazy Loading, GraphQL or REST API
- Caching: Redis, ElasticSearch
- Authentication: OAuth, Firebase Authentication, AWS Cognito

Testing and Optimization:

- Frameworks: Jest, Mocha, Chai, React Testing Library, Cypress, Selenium
- Performance Testing: Lighthouse, React Profiler, DevTools Profiler, Loadtest
- Bundle Optimization: Webpack Bundle Analyzer, Rollup, Code Splitting with Webpack, Babel
- Performance Monitoring: Real User Monitoring (RUM), Google Analytics, Datadog, Sentry

Third-Parity Service:

- Stripe, PayPal, HubSpot, Salesforce, Shopify, OpenAI, OCR, ChatGPT, Twilio, SendGrid

Capabilities

Collaboration and Communication:

- Effective in communication and collaboration within teams, adept in Agile methodologies and waterfall processes.
- Proficient in mentorship and knowledge sharing, promoting a culture of continuous learning within the team.

Problem Solving and Debugging:

- Skilled in analytical thinking and debugging techniques, proficient in error handling and logging to ensure robust applications.

Continuous Learning:

- Committed to staying updated with the latest technologies through personal projects, side projects, and knowledge sharing within the community.

Soft Skills:

- Strong collaboration skills, adapt in time management and prioritization to ensure project success.