

Christopher Miloyevic

Senior Full Stack Developer

SUMMARY

As a seasoned Software Engineer with over 12 years of experience, I specialize in building scalable, high-performance web applications using **React**, **Angular**, **Next.js**, and **Node.js**. Throughout my career, I've led and contributed to 20+ successful projects, consistently delivering intuitive user experiences and optimized system performance.

My expertise spans across frontend and backend development, including **Redux**, **Express.js**, **Nest.js**, **C#/.NET**, **SQL**, and **GraphQL**. I have a strong foundation in designing and implementing **microservices** architectures, optimizing application efficiency, and leveraging cloud technologies to ensure seamless scalability.

Beyond coding, I'm passionate about software architecture, performance tuning, and modern engineering best practices. I apply **Test-Driven Development (TDD)**, **Object-Oriented Programming (OOP)**, and **Behavior-Driven Development (BDD)** to enhance code quality and minimize defects. By adopting modular design principles and component-based architectures, I've helped reduce bug density by 40% and improve user satisfaction to 95% across multiple projects.

I thrive in fast-paced, collaborative environments, and driving innovation through efficient problem-solving and strategic technical decisions. I'm always eager to tackle complex challenges, optimize workflows, and contribute to cutting-edge projects that push the boundaries of web development.

PROFESSIONAL SKILLS

Frontend:

JavaScript, TypeScript, React, Angular, Next.js, Vue.js, Redux, RxJS, Vuex, NgRX, Nuxt.js, HTML, CSS, Bootstrap, Material UI, styled-components, Tailwind CSS, SASS/SCSS, Storybook

Backend: Node.js, Express.js, GraphQL, C#, .NET, Java, Spring Boot, Python, Django

Database: MongoDB, MySQL, PostgreSQL

Testing: Jest, Mocha, react-testing-library, Cypress, JUnit, NUnit, unit testing, integration testing, e2e testing

Cloud & Paradigm: AWS, GCP, Azure, OOP, TDD, BDD

WORK EXPERIENCE

Senior Full Stack Developer

Remote

BNBPot

01/2022 - Present

- Developed high-performance retail applications using **React**, **Angular**, and **Node.js**, enhancing front-end responsiveness and backend efficiency.
- Led the modernization of legacy systems, integrating reusable components and UI frameworks such as **Material UI**, **Bootstrap**, and **Tailwind CSS**, significantly improving user engagement.
- Spearheaded **microservices** development, utilizing **Node.js**, **Express.js**, and **TypeScript**, ensuring modularity, enhanced scalability, and system resilience.
- Enhanced application performance by implementing code-splitting, lazy loading, virtualization, and memoization, reducing page load times from 4s to 2.5s and boosting user interaction efficiency.
- Designed and integrated **RESTful** and **GraphQL** APIs with TypeScript, improving type safety, reducing runtime errors, and enhancing development efficiency.
- Developed and maintained backend services using **Node.js**, **Express.js**, and **TypeScript** in a **Microservices** architecture, ensuring modularity, scalability, and system resilience.
- Built and maintained automated testing frameworks using **Jest**, **Mocha**, and **Enzyme**, increasing test coverage and minimizing production regressions.
- Optimized cloud infrastructure by deploying **AWS**-based solutions (EC2, Lambda, Beanstalk, RDS, S3, Route 53, SNS/SQS, API Gateway, Step Functions), reducing latency and improving database reliability.
- Orchestrated containerized deployments with **Docker** and **Kubernetes**, streamlining **CI/CD** workflows and automating deployments with **Jenkins** and **Azure DevOps**.
- Mentored junior developers, guiding them on React, Redux, JavaScript, TypeScript, and Microservices best practices, contributing to increased team efficiency and code quality.
- Environments:** React, Angular, Redux, Material UI, Bootstrap, Tailwind CSS, Node.js, Express.js, Nest.js, GraphQL, TypeScript, MongoDB, PostgreSQL, AWS (Lambda, RDS, S3, API Gateway, SNS/SQS), Docker, Kubernetes, Jenkins, Jira, Confluence, Git, Jest, Mocha, Enzyme

WORK EXPERIENCE

Senior Full Stack Developer

BC Forward

Remote

06/2019 - 01/2022

- Led the front-end development of multiple large-scale applications, improving user experience, page performance, and security.
- Developed and maintained scalable applications using **React** and **Vue.js**, ensuring modular, reusable, and maintainable codebases.
- Enhanced state management using **Redux**, **Vuex**, and **React Context API**, enabling businesses to efficiently track customer data and manage opportunities.
- Integrated backend APIs built with **Node.js** and **Express.js**, ensuring seamless communication between frontend and backend services.
- Created reusable UI components using **Material UI**, **Bootstrap** reducing development time for future projects by 20%.
- Optimized **GraphQL** queries and caching using **Apollo Client**, reducing server response times and improving application efficiency.
- Automated testing and **CI/CD** workflows using **Jest**, **Cypress**, and **Mocha**, increasing code coverage and catching regressions early.
- Mentored junior developers, providing hands-on training in React best practices, performance optimization, and testing strategies, improving overall team productivity.
- Led **Agile** development processes, participating in sprint planning, retrospectives, and daily stand-ups, ensuring timely delivery of high-quality features.

Full Stack Developer

PipeDrive

Remote

01/2015 - 06/2019

- Developed and maintained full-stack web applications using **React**, **Java (Spring Boot)**, and **Node.js**, providing scalable and high-performance solutions.
- Designed and implemented **RESTful APIs** using **Java Spring Boot**, ensuring efficient communication between frontend and backend services.
- Architected and deployed cloud-based solutions on **AWS**, utilizing services such as Lambda, EC2, and S3.
- Implemented **microservices** architecture, breaking down monolithic applications into independent, maintainable services, improving system reliability.
- Refactored legacy codebases, migrating older Angular applications to **React** with **TypeScript**, reducing code complexity and improving maintainability.
- Optimized SQL database queries for **PostgreSQL** and **MySQL**, reducing query execution times by 40% and improving application responsiveness.
- Built reusable UI libraries using **React Hooks** and **Context API**, reducing redundant code and enabling faster development.
- Mentored junior developers, conducting code reviews, mentoring, and implementing best practices, leading to a 25% reduction in production bugs.
- Integrated third-party services such as **Stripe** for payments, **Firebase** for authentication, and **Twilio** for messaging, enhancing application functionality.
- Enhanced DevOps and **CI/CD** pipelines, automating deployments using **Jenkins**, **GitHub Actions**, and **Docker**, leading to faster and more reliable releases.

Full Stack Developer

WorthWhile

07/2011 - 11/2014

- Developed dynamic and scalable front-end applications using **React**, **Angular**, and **Vue.js**, delivering user-friendly interfaces.
- Built and maintained back-end services using **Node.js**, **Express.js**, **C#/.NET**, and **Java**, ensuring robust and scalable server-side logic.
- Managed and optimized relational and non-relational databases such as **MySQL**, **PostgreSQL**, and **MongoDB**, improving application performance.
- Developed authentication and authorization systems using **JWT**, **OAuth**, and session-based authentication, ensuring data security and compliance.
- Optimized front-end performance by reducing bundle sizes, implementing lazy loading, and using **Webpack** and **Babel** for faster load times.
- Integrated **AWS** cloud solutions, deploying applications with **EC2**, **Lambda**, **RDS**, and **API Gateway**, ensuring high availability and reliability.
- Designed **CI/CD** pipelines using **Jenkins** and **Docker**, automating the software release process and minimizing downtime.
- Developed real-time features using **WebSockets** and **Firebase**, enhancing interactivity in applications.
- Performed unit, integration, and end-to-end testing using **Jest**, **Mocha**, **NUnit**, and **Cypress**, improving system reliability.
- Led cross-functional collaborations with designers, backend engineers, and product managers to define project requirements and deliver features efficiently.

STRENGTHS

Flexibility

Problem Solving

Team Collaboration

Communication

EDUCATION

Bachelor's Degree in I.T

Griffith University

01/2007 - 07/2011