Kayky Aguiar

**Senior Fullstack Developer**

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# SUMMARY

Ambitious full-stack developer with over 8 years of experience in web development, Front End Web engineering, and artificial intelligence. Skilled in building scalable web applications end-to-end, with expertise in front end languages such as React, Vue, Angular, HTML, CSS, and JavaScript, as well as backend development using modern programming languages including Node.js, Python, Java, and C#.

Experienced in leading UI/UX improvements, applying strong project management skills, collaborating within Agile teams, mentoring junior developers, and consistently delivering high-quality products on schedule. With a strong background in integrating AI solutions to solve complex, real-world problems efficiently, I continuously focus on performance optimization, best practices, and staying up to date with the latest tools and trends.

Currently focused on growing as a senior freelancer, with the goal of becoming a top-rated talent on this and other freelancing platforms by delivering impactful solutions and exceptional user experiences.

# SKILLS

# JavaScript, TypeScript, PHP, Python, C#, Java, Shopify, Wordpress, Headless CMS, GraphQL, Restful API, Bootstrap, Tailwind CSS, MUI, React, Vue.js, Angular, Next.js, Nuxt.js, Svelt.js, Node.js, Nest.js, Express.js, Django, Flask , FastAPI, .NET, .NET core, Selenium, Cypress, Jest, PyTest, MySQL , PostgreSQL, Oracle DB, MongoDB, FireBase, SQLite, Redis, Elasticsearch, AWS, Azure, GCP, Docker, Kubernetes, Terraform, Jenkins, Git, GitHub, GitHub Actions, CI/CD, NGINX, Apache, Microservices, Agile, Scrum, Kanban, UX/UI Collaboration

# EXPERIENCE

### **Senior Fullstack Engineer**

### Avantsoft. Inc

 05/2024 - 05/2025  San Jose, US

* Collaborated closely with designers, using organizational skills to create responsive, visually appealing, and user-friendly interfaces with TailwindCSS, Material-UI, and custom styling for consistent UX across React and Vue 3 applications.
* Built a React-based web application with a robust web architecture to manage server resources, including login, a central dashboard, resource tree navigation, advanced search, and dynamic data visualizations.
* Developed reusable React components and hooks with TypeScript, leveraging context and Redux for scalable state management.
* Created Vue3 components and Nuxt3 modules for dashboards, interactive reports, and dynamic pages, improving modularity, maintainability, and cross-platform consistency.
* Implemented SSR, lazy loading, and optimized state management in Vue3, Nuxt3 and React applications to enhance performance and UX.
* Designed and implemented scalable enterprise-level web applications while integrating complex backend systems with Django and Express.
* Engineered GraphQL and RESTful APIs to streamline communication between frontend and backend services, optimizing data flow and reducing API call redundancies.
* Implemented authentication, role-based access control, and resource management APIs to ensure secure and scalable backend operations.
* Optimized database performance using PostgreSQL and Redis caching, and built scalable data systems using PostgreSQL, MongoDB, and Firebase, applying indexing, partitioning, and caching techniques for high-volume requests.

### **Full Stack Engineer**

### NGX Interactive

 04/2022 - 05/2024  Vancouver, Canada

* Developed the front-end for an admin UI using React, Angular, TypeScript, and TailwindCSS, delivering a responsive, user-friendly interface for a healthcare platform.
* Designed and built reusable React and Angular components and front-end services in TypeScript to support dashboards, appointment scheduling/booking, payments, administration, and subscriptions.
* Engineered high-performance front-end applications with React and Angular 18, capable of handling 200+ requests per second, ensuring scalability and stability under heavy load.
* Created an abstract front-end architecture in React and TypeScript, enabling seamless integration with multiple REST API schemas and third-party providers.
* Applied verbal communication skills to collaborate with designers, enhancing UX and testing front-end components with Jest, Mocha, and TypeScript.
* Built backend services with Express, and .NET including REST APIs for authentication, payment processing, and subscription management, reducing response latency by 30%.
* Developed Django-based backend modules for healthcare workflows, with strong attention to detail, integrating appointment scheduling, patient data management, and third-party APIs.
* Engineered GraphQL and RESTful APIs, optimized database queries, and implemented caching strategies PostgreSQL, Redis to improve system performance and handle high-volume traffic.
* Applied Agile methodology with Jira to deliver the MVP within 3 months, actively participating in client meetings to gather requirements and refine UI/UX interactions, ensuring alignment with business goals.

### **Full Stack Developer**

### Loblaw Digital

 04/2020 - 03/2022  Toronto, Canada

* Converted a traditional web application into a React-based SPA and an Angular application, implementing state management to ensure seamless navigation and improved performance.
* Maintained and enhanced existing front-end features across multiple projects, applying React and Angular best practices to ensure long-term usability, scalability, and stability.
* Designed and developed RESTful APIs and serverless functions using Node.js and .NET, hosted on GCP for efficient backend communication and seamless deployment.
* Implemented secure authentication and authorization layers using Firebase Auth, OAuth providers, and .NET Identity, enhancing user management and security.
* Collaborated closely with designers to improve UX/UI, utilizing TailwindCSS, Material-UI, and Angular Material to create responsive, visually appealing interfaces.
* Developed unit and integration tests with Jest, Mocha, and Angular Testing Utilities to ensure code reliability and thorough validation.
* Managed version control using Git and utilized Docker to streamline development processes, providing a containerized environment for both development and deployment.
* Implemented CI/CD pipelines for automated builds, testing, and deployment, ensuring consistent delivery across React, Angular, Node.js and .NET applications.

### **Full Stack Developer**

### Globalcot FZE

 06/2017 - 03/2020  Dubai, UAE

* Designed and developed modern websites on the WordPress platform, tailored specifically for commercial clients, ensuring both aesthetic appeal and functionality.
* Created custom WordPress themes and plugins, providing unique solutions for business clients and individual users, enhancing user experience and site performance.
* Developed fullstack solutions using Node.js, Python and .NET, creating RESTful APIs and backend services to handle complex business logic and data management.
* Customized and extended Shopify stores with Liquid, JavaScript, and backend APIs to implement tailored e-commerce functionality for clients.
* Optimized on-site SEO for commercial clients, significantly improving search engine rankings and increasing organic traffic.
* Collaborated closely with graphic designers, using excellent verbal communication to produce visually compelling designs for both web and print, ensuring brand consistency across all platforms.
* Developed custom code to modify and enhance the behavior of shopping cart systems, improving the overall user experience and increasing conversion rates.
* Implemented automated testing and CI pipelines for WordPress, Angular, Shopify, and backend applications to ensure consistent quality and faster releases.

# EDUCATION

## Bachelor of Computer Science

### Ontario Tech University

 03/2013 - 12/2017