

Kayky Aguiar

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SUMMARY

Senior Full-Stack Developer with over 9 years of experience, specializing in frontend technologies such as React and Angular, and backend development with Node.js and Python. Over the past six years, I have focused on building scalable and high-performance applications using cutting-edge tools like React.js (ES6), React GraphQL, AWS Serverless, and Next.js. I have hands-on experience throughout the software development lifecycle, including collaborating on product user stories, writing maintainable code, implementing automated testing, and managing CI/CD pipelines for production systems. My passion lies in software architecture, code quality, and automation, ensuring that the solutions I deliver are efficient, reliable, and maintainable, with a strong focus on AI productivity platforms.

EXPERIENCE

Senior FullStack Engineer

02/2026 - 07/2026

Companion Group Ltd.

Chislehurst, Greater London, UK

- Delivered freelance and consulting projects focused on AI implementation, application refactoring, and full-stack modernization for retail and business-facing platforms.
- Built AI-powered features using LLM APIs, prompt engineering, Python services, and NodeJS APIs to support automation, content processing, and internal productivity workflows.
- Refactored legacy React, Angular, NodeJS, and Python codebases, improving maintainability, performance, and long-term scalability.
- Worked directly with clients to clarify requirements, build REST APIs, improve frontend workflows, support cloud deployments, and troubleshoot production issues.

Senior FullStack Engineer

05/2022 - 02/2026

Avantsoft

San Jose, US

- Contributed as a vital member of a Scrum team, developing a comprehensive NodeJS, React, and GraphQL application that served as the central administration system for the entire product.
- Collaborated within a small agile team to take ownership of an internal Angular component library, providing updates and bug fixes to support internal teams effectively.
- Developed and integrated REST APIs using Python (FastAPI and Django), reducing response latency by 45% and improving system throughput.
- Utilized large language models (LLMs) to classify news content into multiple categories and to filter out advertisements and other unwanted material, improving content moderation processes.
- Created Elasticsearch indexes from company data and Kafka topics for efficient data retrieval and management within production systems.
- Played a key role in the recruitment of developers, helping to build a skilled and cohesive team.
- Mentored junior developers by sharing knowledge and guiding their professional growth, fostering a collaborative team environment.

FullStack Developer

04/2020 - 05/2022

NGX Interactive

Vancouver, Canada

- Built the application using NodeJS, MongoDB, and React, Next.js tech stack, incorporating Google Maps API for georeferencing user and commercial establishment data.
- Developed and maintained a telehealth platform using NodeJS, React, TailwindCSS, Twilio, and WebRTC in a just-in-time manner.
- Delivered front-end feature updates and enhancements for an existing React-based administration application, ensuring alignment with evolving requirements.
- Handled the implementation of automated unit and E2E tests using Jest and Playwright.
- Integrated the Plexus API with Google Cloud Platform, AWS, Microsoft Azure, Oracle Cloud Infrastructure to automate cluster management.
- Developed REST API in Django framework for data management with custom filters using Elasticsearch on AWS.

FullStack Developer

06/2017 - 03/2020

Loblaw Digital

Toronto, Canada

- Conceived, planned, and developed a web application using React and Angular to enhance the production process and knowledge management.
- Built a wide range of front-end experiences for numerous clients in different industries, demonstrate adaptability and diverse technical applications.
- Leveraged back-end technologies (NodeJS, Express, MongoDB) and front-end frameworks (React) to implement robust solutions, including integration testing.
- Developed the front-end for a solution using TypeScript and AngularJS, ensuring seamless user experiences.
- Designed and created a REST API for managing datasets, built with Python and FastAPI.
- Re-engineered a legacy PHP back-end to Python using Flask, improving system reliability and implementing comprehensive unit tests.
- Integrated data fetching from PostgreSQL and PostGIS databases, optimizing data retrieval and management.

EDUCATION

Bachelor of Computer Science

Ontario Tech University | 03/2013 - 12/2017

SKILLS

- **Language:** Javascript, Typescript, Python, PHP, SQL, HTML, CSS, JSON
- **Frontend:** React, Angular, Vue, Next.js, Nuxt.js, Redux, Vuex, RxJS, Bootstrap, TailwindCSS, MUI, Jest, Cypress, Responsive Design, UI/UX, Bootstrap
- **Backend:** Django, Flask, FastAPI, NodeJS, NestJS, ExpressJS, Python, Redis, Websocket, Laravel, Rest API, GraphQL, JWT, OAuth
- **DevOps:** AWS, GCP, Docker, Terraform, Kubernetes, Github, CI/CD, Linux, CloudFormation, S3, DynamoDB
- **Database:** MySQL, MongoDB, PostgreSQL, SQLite, Firebase, Postgresql