Dumitru Rotari

Senior Full Stack Engineer

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SUMMARY

Frontend-focused Full-Stack Engineer with advanced skills in **React, Next.js,** and **Python.js.**

React and **Next.js** is particularly a primary skill.

Skilled in creating dynamic, responsive web applications and experienced in integrating with **GraphQL** APIs and optimizing frontend performance.   Proficient in backend technologies like **Node.js**, **Python, Java,** and **PHP**, enabling seamless full-stack development.

EDUCATION

State University of Campinas

Bachelor's degree in Computer Science and Engineering

09/2015 - 6/2019

SKILLS

Hard Skills

- **Languages:** JavaScript, TypeScript, Python, Java, C#, PHP
- **Frontend:** React, Vue.js, Angular, Svelte, Redux, Tailwind CSS, SCSS
- **Frameworks:** Node.js, Express.js, NestJS, Django, Flask, Laravel, PyQt5
- **Data access:** MySQL, PostgreSQL, MongoDB, Redis, Oracle, AWS DynamoDB
- **Clouding:** AWS (Amplify, Lambda, EC2, SQS, SNS, S3), Google (GCP, GKE), Azure
- **Message Broker & Queue:** Apache Kafka, RabbitMQ, CloudAMQP, Amazon MQ
- **Testing:** Mocha, Chai, Jest, Selenium
- **Approach:** Agile, SCRUM, Kanban, EDD, TDD, OOP, Design Patterns,
- **DevOps & CI/CD:** Docker, Kubernates, AWS, Azure, GitHub Actions, Jenkins, Circle CI
- **Version control:** GitHub, GitLab, Bitbucket, Subversion (SVN)
- **Source management:** Jira, Trello, Asana, Azure DevOps

Soft Skills

- Quick to learn and adapt to new technologies
- Passionate engineer with a commitment to continuous improvement and innovation
- Exceptional communication skills and a strong team player

Miscellaneous

- **Development kits:** Visual Studio Code, Sublime Text, Postman
- **Communication:** Microsoft Teams,Whatsapp, Slack, Discord, Telegram, Skype
- **Operating Systems:** MacOS, Linux, Windows

WORK HISTORY

Full Stack Engineer
<u>**MicroAge**</u> *, Kelowna, British Columbia , Canada*

04/2022 - 2/2025

- Engineered scalable systems using **Python**, and **Node.js**, boosting performance and integration speeds by 30% and 50%, respectively.

- Developed an E-Cash Management tool processing $50M annually, enhancing data security by 25% and optimizing database performance, reducing query time by 20%.

- Developed the Kiosk Web Application: Built a custom web app using **React** , **Next.js**, **TypeScript** ,and **Tailwind CSS** to ensure a responsive, secure, and user-friendly interface for kiosk users.

- Spearheaded **RESTful API** and **dynamic frontend development** with **React**, enhancing integration by 40% and optimizing database management, reducing query response time by 20%.

- Designed the front-end using **React** combined with **Tailwind CSS** for a modern look, while utilizing **Node.js** and **MongoDB** for a robust back-end infrastructure

- Implemented **CI/CD pipelines** with **Jenkins**, slashing deployment time by 70% and doubling deployment frequency, alongside microservices architecture, increasing scalability and reducing costs by 25%.

Software Developer
<u>**Integrio System**</u>, *Vancouver, Canada*
08/2019 - 06/2022

- Served as a Full Stack Developer for the **healthcare management application** built using **Python(Flask**) for the backend **React** for frontend.

- Utilized **Docker** to containerize the application and orchestrated deployment using **Kubernetes**. **CI/CD pipelines** were established through **GitHub** Actions to automate testing and deployment, significantly decreasing release times and improving deployment consistency.

- Led a frontend team while hands-on developing the backend functionalities and took on various **Devops** responsibilities to ensure smooth deployment and operations.

- Provided support on state management with **Redux** and ensured adherence to design specifications and responsiveness using **Tailwind CSS.**

- Optimized database performance and crafted engaging frontend components with **JavaScript frameworks**, leading to significant improvements in **query time** and **user engagement**.

- Optimized **database queries** and utilized caching mechanisms with **Redis** to enhance data retrieval speeds, ensuring scalability for peak usage times without degradation of performance.

Web Developer
Soflex, *Chișinău, Moldova*
11/2018 - 07/2019

- Developed interactive and user-friendly web interfaces using Javascript framwork like React, enhancing overall user experience and engagement.

- Collaborated with back-end developers to integrate APIs effectively, ensuring seamless functionality across applications.

CERTIFICATIONS

- **Data Science Research Methods: Python Edition –** Microsoft (11/2018)
- **Node.js Developer Professional Certificate** – Coursera (02/2020)
- **AWS Certified Solutions Architect** – Amazon Web Services (11/2021)
- **Applied Machine Learning in Python** – Cousera (09/2022)

PERSONALITY

- **Excels in Fast-Paced Settings:** Quickly grasps new technologies and adapts to evolving project demands, tackling intricate problems with ease.
- **Detail-Oriented and Systematic:** Exhibits exceptional attention to detail and strong organizational skills, ensuring top-notch quality in code and comprehensive documentation.
- **Enhances Team Dynamics:** Cultivates positive relationships and encourages effective communication within diverse teams to drive collective success.