

Danilo Dutina

Senior Senior Full-Stack Engineer

SUMMARY

- Senior Full-Stack Engineer with 10+ years of experience delivering enterprise-grade web applications using React, Next.js, TypeScript, Python, and cloud-native technologies.
- Expertise in designing and integrating REST APIs, backend services with Django REST Framework and FastAPI, and optimizing frontend performance with reusable components and advanced state management.
- Proficient in containerization and orchestration using Docker and Kubernetes, with hands-on experience in AWS-hosted CI/CD pipelines and GitHub Actions for stable, efficient releases.
- Strong background in agile software development, technical documentation, and client collaboration to translate complex business requirements into scalable technical solutions.
- Holds a Bachelor of Computer Science degree and completed advanced training in React, Redux, and Python design patterns, ensuring up-to-date engineering practices and design principles.

TECHNICAL SKILLS

Main Technical Skills	React (8 yr.), Ext JS (5 yr.), TypeScript (8 yr.), Python (8 yr.)
Programming Languages	JavaScript (8 yr.), Python (8 yr.), TypeScript (8 yr.)
Python Frameworks	Django REST framework (8 yr.), FastAPI (5 yr.), Flask (4 yr.)
JavaScript Frameworks	Ext JS (5 yr.), React (8 yr.)
Python Libraries and Tools	pytest
JavaScript Libraries and Tools	Redux-Saga (4 yr.), Zustand
Databases & Management Systems / ORM	MongoDB, MySQL, PostgreSQL, Redis
UI Frameworks, Libraries, and Browsers	CSS (8 yr.), HTML (8 yr.), Tailwind CSS
Cloud Platforms, Services & Computing	AWS (5 yr.)
Google Cloud Platform	Google Docs
Methodologies, Paradigms and Patterns	Agile (8 yr.), SDLC (8 yr.)

SDK / API and Integrations	API (8 yr.), FastAPI (5 yr.), RESTful API (8 yr.)
Deployment, CI/CD & Administration	CI/CD (5 yr.)
Virtualization, Containers and Orchestration	Docker (5 yr.), Kubernetes (5 yr.)
Version Control	Github Actions (5 yr.)
QA, Test Automation, Security	Jest, pytest
Other Technical Skills	Teamwork (8 yr.)

WORK EXPERIENCE

Senior Full-Stack Software Engineer - NeuroNation (NeuroNation Web and Backend Platform)

Duration: Apr 2020 - Mar 2025

Summary:

- Development and maintenance of NeuroNation's web and backend platform, delivering enterprise-grade cognitive training and brain fitness applications
- The project focused on building scalable, high-traffic user-facing features and backend services to support modern product workflows and integrations

Responsibilities:

- Built and maintained full-stack product features using React, Next.js, TypeScript, and Python.
- Collaborated with product stakeholders and designers to translate business requirements into technical plans and deliverables.
- Designed and integrated REST APIs and service-to-service workflows connecting frontend, backend, third-party services, and internal tools.
- Improved frontend performance through reusable components, lazy loading, and optimized state management.
- Implemented backend functionality with Django REST Framework and FastAPI focusing on maintainability and security.
- Supported rapid prototyping, testing, and iterative product improvements.
- Partnered with DevOps on Docker deployments, CI/CD pipelines, and AWS environments to ensure stable releases.

Technologies: React, Next.js, TypeScript, Python, Django REST Framework, FastAPI, REST APIs, Docker, Kubernetes, AWS, CI/CD, GitHub Actions

Software Engineer - NextGen Solutions (Client-Facing Business Platforms)

Duration: Jul 2016 - Mar 2020

Summary:

- Development of full-stack web solutions for client-facing business platforms, focusing on building backend services, integrations, and frontend experiences to support complex workflows and third-party API communications



- The project aimed to modernize legacy systems and improve modularity and maintainability

Responsibilities:

- Delivered full-stack web solutions using React, Redux, TypeScript, Django, and Flask.
- Built backend services and integrations supporting complex workflows and third-party APIs.
- Collaborated with clients and cross-functional teams to clarify requirements and adapt implementations.
- Modernized legacy architecture into modular service patterns to enhance flexibility and future enhancements.
- Contributed to responsive frontend experiences with reusable UI patterns and maintainable styling.
- Wrote unit and integration tests and participated in agile delivery cycles to maintain high quality.

Technologies: React, Redux, TypeScript, Django, Flask, REST APIs, JavaScript, CSS

EDUCATION

- **Bachelor of Computer Science - University of Donja Gorica**

CERTIFICATION

- **Udemy: Advanced React and Redux**
- **Pluralsight: Design Patterns in Python**

