UPSTAFF

Andriy Petrenko
Middle Software Engineer

SUMMARY

- Full Stack Developer skilled in C#, .NET frameworks, JS/TS, React, Python, and Vue.js. - Proven track record in end-to-end web platform development and maintenance, including custom plugin and component creation, API integration, and microservices implementation. - Fluent in English and Ukrainian, possesses strong communication and teamwork abilities, alongside a solid foundation in problem-solving and software implementation strategies. - Expert in various software development methodologies and architectures, such as SQRS+ES, with hands-on experience in Microsoft Graph API for backend services. - Pragmatic engineer with diverse experience from UI/UX design in React to server-side development in Python, with a comprehensive understanding of database management, entity frameworks, and custom validation logic. - Educational background includes a Bachelor's and Master's degree in Software Engineering from Dnipro National University of Railway Transport and Dnipro University of Technology, Ukraine.

TECHNICAL SKILLS

Main Technical Skills	.NET (3 yr.), Umbraco (3 yr.), React (3 yr.), TS/JS (3 yr.)
Programming Languages	JavaScript, Python, TS/JS (3 yr.), TypeScript
JavaScript Frameworks	Angular, React (3 yr.), Vue.js
.NET Platform	ASP.NET, Entity Framework (3 yr.), Hangfire, .NET (3 yr.), .NET Core
Python Frameworks	Django
JavaScript Libraries and Tools	React Native, Redux (3 yr.)
Databases & Management Systems / ORM	Microsoft SQL Server, PostgreSQL
UI Frameworks, Libraries, and Browsers	Tailwind CSS
SDK / API and Integrations	GraphQL
Methodologies, Paradigms and Patterns	Razor
Platforms	Umbraco (3 yr.)
Other Technical Skills	ES, Expo CLI

WORK EXPERIENCE

Full Stack Developer, Implementation SQRS+ES backend architecture

Duration: November 2019 – Present
Summary:

- Implementation of SQRS+ES backend architecture
- Worked with MS Graph Api to handle emails via background services
- Involved in implementation of various managers and writing a React frontend application, including unit tests for backend functionalities

Responsibilities: Full Stack Development and implementation of core features and testing.
Technologies: .NET 6, SQRS + ES, TypeScript, React, GraphQl

Full Stack Developer, WebMail

Duration: November 2019 – Present
Summary:

- Developed components for a mobile application, created a navigation system, and integrated authentication and security features
- Also updated APIs to support the mobile application

Responsibilities: Full Stack Development including mobile navigation and authentication feature implementation.
Technologies: .NET Framework 4.8, Entity Framework, Umbraco CMS 8, TypeScript, React Native, Redux, Expo CLI

Full Stack Developer, Cross-platform application Software Engineer

Duration: November 2019 – Present
Summary:

- Involved in the development of new Umbraco pages, custom plugins, and React components
- Worked on bug fixing and the implementation of microservices with various functions

Responsibilities: Full Stack Development along with maintaining the services.
Technologies: .NET Core/Framework, Entity Framework, Umbraco CMS, TypeScript, React, Redux, GraphQl, Hangfire

Full Stack Developer, Learning Management Portal

Duration: November 2019 – Present
Summary:

- Developed web components using Vue
- js
- Worked on API creation and integration with external systems
- Managed CRUD functionalities and services

Responsibilities: Full Stack Development including Web Components creation and API integrations.
Technologies: Python, Django, Vue.JS, PostgreSQL

Full Stack Developer, Community forum

Duration: November 2019 – Present
Summary:

- Managed community features at Umbraco backoffice and developed React components for community interaction
- Implemented functionality for topic and comment management as well as user notifications and engagement

Responsibilities: Full Stack Development focused on community feature implementation and management.
Technologies: Umbraco CMS, .Net Framework, Entity Framework, React, Redux, SQL Server, Hangfire

Full Stack Developer, ETL SaaS tool

Duration: November 2019 – Present
Summary:

- Developed the front end using Vue
- js for ETL modeling and developed C# runtime execution for different endpoint connectors

Responsibilities: Full Stack Development including ETL SaaS tool front end and runtime execution development.
Technologies: .NET 6, Entity Framework, VUE.JS, TypeScript, Razor, Tailwindcss

EDUCATION

- **BS, Software Engineering**
  Dnipro National University of Railway Transport, Ukraine
  2018 – 2020
- **MS, Software Engineering**
  Dnipro University of Technology, Ukraine
  2020 - 2022