Edvin SMAJIĆ

Fullstack Software Engineer

Current address: Besançon, France
Relocation availability: Northern / Western Europe

📅 Date of birth 11/12/1996

✉ edvin.smajic@laposte.net

🪪 Driving licence (B)

🏳 French

🚗 Personal vehicle

SOCIAL NETWORKS

 @EdWon12

in @edvin-smajic

LANGUAGES

English

French

Bosnian

Serbo-Croatian

INTERESTS

Scripting / Automation

Video games

DEGREES

Licence professionnelle: Conception, développement et test de logiciels (Conception et développement d'applications multi-tiers)
Université de Franche-Comté

BTS Services Informatiques aux Organisations (Solutions Logicielles et Applications Métiers)
Lycée Louis Pergaud - Besançon

Bac STI2D specialité Système d'Information et Numérique (SIN)
Lycée Jules Haag - Besançon

PROGRAMMING LANGUAGES

Node.js (Express & Koa) / React.js / Python / TypeScript / C# / JQuery / JavaScript / SQL / NoSQL / HTML / CSS

OTHER SKILLS

Microservices / Kubernetes / Skaffold / Jenkins / Argo / Keycloak / LDAP

EXPERIENCE

Full Stack Developer / Fullstack Software Engineer

EasyPark (previously Flowbird) - Besançon - Since Oct. 2023

Missions

• Conduct research and analysis phases to define the technical and functional requirements of solutions (IAM, pricing modules, cache, data purging).
• Write functional and technical specifications to guide the development of various solutions.
• Develop front-end and back-end features related to pricing modules, IAM, and caching mechanisms.
• Design and implement a common caching solution for the business unit to improve service responsiveness and scalability.
• Design and develop a data purging solution: team coordination, project management, development, and deliverable tracking.
• Perform tests and ensure the functional quality of deliverables (unit tests, integration tests, business validation).
• Manage configuration, document deliverables, and monitor deployments.
• Optimize application performance and propose improvements to reduce response times and resource usage.
• Coordinate team activities, track project progress, and communicate with stakeholders to ensure objectives are met.
• Monitor and maintain solutions in production and contribute to the continuous improvement of processes.

Technical Skills
React.js, Node.js, Jira, Kubernetes, Koa, Next.js, Keycloak, Elastic Stack (ELK), NoSQL/SQL, Linux

Frontend Developer

Capgemini - client Flowbird - Besançon - Oct. 2022 - Sept. 2023

Project
Modernization and maintenance of front-end web applications with migration to a containerized infrastructure (Kubernetes/Skaffold), deployment of deliverables, and drafting of technical documentation.

Missions
• Develop web interfaces in React while following HTML and CSS best practices.
• Conduct technical research to define migration and optimization strategies for applications.
• Migrate projects to Kubernetes using Skaffold to automate build and deployment workflows.
• Automate and carry out deployments on the target infrastructure.
• Write technical documentation and deployment guides to facilitate maintenance and team skill development.
• Use Git for version control, branch management, and participation in code reviews.
• Track tasks and coordinate using Agile methodology (Spotify model) via Jira.
• Provide support and corrective maintenance: diagnose and fix bugs, optimize front-end components, and assist during production releases.

Technical Skills
React, Skaffold, Kubernetes, Jira Suite, Git, Agile (spotify), Linux

EXPERIENCE

Web developer

Lamster - Besancon - Oct. 2021 - Aug. 2022

Project

Development of a full-stack web application in React, Express.js, and TypeScript, with a PostgreSQL database. Work included implementing an external API (AR24), redesigning the user interface, and performing corrective maintenance.

Missions

• Develop and maintain front-end features in React and TypeScript.
• Develop and maintain back-end services with Express.js and integrate the PostgreSQL database.
• Implement and integrate the AR24 API for external data exchanges.
• Redesign the user interface: improve ergonomics, adapt components, and modernize the design.
• Perform corrective maintenance: identify and fix bugs, track incidents, and deliver quick fixes in production.
• Participate in code reviews and write technical documentation to facilitate maintenance and team skill development.
• Collaborate with the team to define priorities and ensure the quality of deliverables.

Technical Skills

React, Express.js, TypeScript, Node.js, PostgreSQL, Docker

Wireless keyboard/mouse emulation for android

Personal project - Besançon, France - Jan. 2020 - Dec. 2020

Personal project

Development of a keyboard/mouse emulator enabling remote control of a Windows machine from an Android mobile client. Objective: transmit and faithfully reproduce user input events via a secure network connection.

Missions

• Design and implement keyboard and mouse event emulation on the server side to reproduce actions received from the client.
• Research, design, and implement a solution for connection and data transfer between client and server (protocol choice, stream management, and performance optimization).
• Develop the mobile client and the server while ensuring cross-platform interoperability and robustness of exchanges.
• Create a wrapper and package the mobile application to facilitate deployment on target devices.
• Generate a private certificate and implement Windows application signing to ensure integrity and trust.
• Conduct testing, debugging, and validation under real conditions (latency, packet loss, command reliability).
• Write technical documentation describing the architecture, communication protocol, and deployment procedures.

Technical Skills

C#, Python, Kivy, Android, Windows, Linux