Paul Nadal

SOFTWARE DEVELOPMENT ENGINEER

I am a passionate Software Engineer, eager to work in a forward-thinking company where I can apply my extensive development skills to collaborative projects in a dynamic, client-focused environment. My commitment to continual skill enhancement and learning from diverse experiences to solve complex problems drives my motivation.

CONTACT

- 🏠 Saint-Cloud, France
- 📱 (+33) 7 69 41 06 15
- ✉️ nadal.paul@gmail.com
- 🌐 https://paul-nadal.com/
- ⊙ paul-ndl
- in paul-nadal

GENERAL SKILLS

Soft Skills

Communication · Collaboration · Autonomy · Curiosity · Adaptability · Agile methodology / Scrum

TECHNICAL SKILLS

Data Science / IA

Machine Learning · Data Analysis · Statistical Analysis · Pandas · Data Visualization

Programming Languages

React JS · HTML · CSS · JavaScript · Java · Python · C · PHP

Databases

SQL Server · MongoDB · Kafka

Tools

Git · Jira · Redmine · Bash · Microsoft Azure · Jenkins · Latex · Office Suite · PowerBI

Languages

French *(native)*

English *(fluent)*

HOBBIES

- 🏃 Running
- 🤺 Fencing
- ⚽ Soccer

EXPERIENCE

Web Software Engineer
Massy, France

SAFRAN (SOLENT CONSULTANT)
Apr. 2024 - PRESENT

- Development of Progressive Web Applications
  - Developed web applications using React JS, optimized specifically for Android tablets or embedded screens.
  - Implemented new features, resolved bugs, and ensured seamless integration with native code.
  - Designed and integrated interactive mapping functionalities using a custom in-house library.
- Backend Implementation & Testing
  - Created a mock backend environment replicating the behavior of the real backend, facilitating efficient front-end development.
  - Wrote unit and integration tests to validate front-end component behavior and ensure reliability.

Software Development Engineer
Lausanne, Switzerland

VAUDOISE ASSURANCES
Sept. 2023 - Mar. 2024

- Optimization and Automation of an Actuarial Tool
  - Identified and addressed the specific needs of actuaries by modularizing, optimizing, and automating the critical actuarial calculation tool using Python.
  - Fostered seamless collaboration between the IT team and actuaries while employing agile project management principles.
  - Implemented an advanced event-driven process, reducing manual effort and enhancing efficiency.
- Monitoring and Reliability
  - Took charge of monitoring the calculation tool's performance and reliability.
  - Utilized Azure Cloud tools for data storage and monitoring, ensuring scalability and data integrity. Developed API endpoints using the Flask framework for efficient data exchange.

Web Developer
Reims, France

MAÏA PARTNER
Aug. 2021 - Sept.2021

- Optimization of the Web Platform and User Experience
  - Collaborated with a startup operating in the entertainment and travel industry, contributing to web platform enhancements.
  - Optimized web platform functionality and improved user experience through UI/UX redesign.
- Interactive Appointment Booking System
  - Innovatively introduced an interactive agenda for seamless appointment scheduling.
  - Benefited both clients and vendors by ensuring accessibility and ease of use.

EDUCATION

EPFL - Ecole Polytechnique Fédérale de Lausanne
Lausanne, Switzerland

MASTER'S DEGREE. IN COMPUTER SCIENCE
Sept. 2022 - Mar. 2024

SOFTWARE SYSTEMS SPECIALIZATION

Machine Learning - Data Analysis - Security & Privacy - Software Development

EPFL - Ecole Polytechnique Fédérale de Lausanne
Lausanne, Switzerland

BACHELOR'S DEGREE. IN COMPUTER SCIENCE
Sept. 2018 - June 2022

Databases - Operating Systems - Programming - Applied Mathematics

2nd place in the programming competition

Passy-Buzenval High School
Rueil-Malmaison, France

FRENCH SCIENTIFIC BACCALAUREAT
Sept. 2015 - June 2018