Paul Nadal

SOFTWARE DEVELOPMENT ENGINEER

I am a passionate Software Development Engineer, eager to launch my career within 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

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SKILLS

Programming Languages - Back End

Python | Java | C | PHP

Programming Languages - Front End

HTML | CSS | JavaScript
React JS

Databases - Services

SQL Server | MongoDB | Kafka

Data Science

Machine Learning | Data Analysis
Statistical Analysis | Pandas
Data Visualization

Tools

Git | Docker | Bash | PowerBI
Microsoft Azure | Jenkins | Latex
Agile methodology / Scrum
Office Suite

Soft Skills

Communication | Collaboration
Autonomy | Curiosity | Adaptability

Languages

French (native)

English (fluent)

HOBBIES

- ⚽ Soccer
- 🏃 Running
- 🤺 Fencing

EXPERIENCE

Software Development Engineer
Lausanne, Switzerland

VAUDOISE ASSURANCES
Sept. 2023 - PRESENT

- 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.

Support officer for Mercedes-Benz
Châtillon, France

AXA
July 2022 - Sept. 2022

- Customer Support Car Claims in Europe
  - Acted as a primary point of contact, engaging with 30-40 customers daily, ensuring responsive and personalized assistance.
  - Researched and implemented mobility solutions round the clock to meet customer needs promptly.
- Effective Record Keeping and Collaboration
  - Maintained records for effective team collaboration and streamlined case handling.
  - Collaborated closely with colleagues to ensure a coordinated approach in handling customer cases.
  - Managed budgets and diaries for each case, optimized resource allocation and time management to meet client expectations effectively.

Web Developer
Reims, France

MAÏA PARTNER
Aug. 2021 - Sept.2021

- Optimized 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