ROMAN MORARU

Roman.moraru@outlook.de

CORE SKILLS

Programming languages / Frameworks
SAPUI5 / OpenUI5
JavaScript
NodeJS
ExpressJs
Axios - API
SQL
Oracle
PHP
Laravel
Simplifier - Low Code
WordPress - Low Code
HubSpot - Low Code
BeautifulSoap - Web Scrapping
Selenium
Mocha - Testing
Chai – Testing
OPA5 – Testing
QUnit - Testing
OData - Protocol

Designing technologies
Fiori
Balsamiq
Figma

Programming principles
Refactoring
Clean Code
Design Patterns
Low Code

Languages
English
German
Romanian
Russian

EXPERIENCE

Berlin, BTC Business Technology Consulting AG   **10/2022 – 11/2024**
Software Engineer

- Developed software using the following technologies: Simplifier (Low Code Platform), SAPUI5, CSS, HTML, JavaScript and Fiori.
- All the developments, extensions, bug fixing were done using low code principles on the low code platform Simplifier.
- Helped further develop the main stay software (SAC, KUN and INSTVW) by utilizing Simplifier and SAPUI5 development principles.
- Developed features, solved problems, as part of project work for the following customers
  - EWE
  - Netzdienste Rhein-Main
  - badenovaNETZE
  - Netzservicegesellschaft Kassel
  - Stadtwerke Hammel
  - Energienetze Mittelrhein
  - Stadtwerke Ulm
  - Elektroenergieversorgung Cottbus
  - Inetz
  - RheinEnergie / BELKAW
  - Stadtwerke Heidelberg
  - Stadtwerke Witten
- Contributed to the "Optimierte Rückmeldung" project by connecting six SAP APIs (Maintenance Order, Maintenance Notification, Equipment, Functional Location, Measurement Document and Measurement Point) to the application as well as created structure for those. Mentioned APIs are part of the "APIs for Maintenance Management" collection.
- Utilized the Odata-Protocol to improve the data retrieval process.
- Created, estimated and managed user stories on the Jira platform.
- Developed test cases for the APIs/applications and automated these tests using Mocha and Chai frameworks.
- Transported software artifacts to the customer instances.
- Realized backend CRUD functionality.
- Created documentation for the developed artifacts.

Berlin, Charité – Universitätsmedizin Berlin   **05/2019– 08/2022**
Software Engineer

- Developed software by using the following technologies: SAPUI5, Node.js, HTML, CSS, JavaScript, SQL and SAP HANA.
- Improved the design and structure of the code base by implementing refactoring/clean code principles.
- Implemented special requirements for the web-based electronic patient record TBase, e.g., recording and filtering of research data in rheumatology and nephrology.
- Created, managed and resolved issues/tickets in version control systems (GitHub/GitLab).
- Showcased expertise in creation of mockups for software specifications by using Balsamiq.
- Regularly improved the responsiveness of the web design.
- Developed test cases for the Application and automated these tests using OPA5 and QUnit frameworks.
- Crafted APIs with NodeJS
- Implemented database structures as well as CRUD functionality.

Potsdam, GeoForschungsZentrum (GFZ)   **02/2016–06/2016**
Software Engineer / Content Manager

- Improved the web presentation of the website by using frontend technologies: HTML, CSS and JavaScript.
- Created and managed the scientific data on the website.
- Crafted digital maps with distinct topologies.

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FREELANCE

- The following projects were created, extended as part of freelancing work:
    - Apartment Search Automation Tool application
    - Personal portfolio website - Codeportfolio.me.
    - Pelvic floor exercises website.
    - Laravel job posting/management website.
    - Extended the meEnergy website which uses the low code platform **HubSpot.**
    - Extended the xadexa.com website which uses the low code platform **WordPress.**
    - Calendar website for event tracking (Working, Holiday, Sick days, Birthday etc).
    - VR, Speech based application for filling out forms more efficiently for the NBB company.
    - More **details** about the projects can be found on Codeportfolio.me
- Developed them by using the following technologies: HTML, CSS, JavaScript, Java, PHP, BeautifulSoap, Selenium and CMSs like WordPress and HubSpot.
- Created designs with Figma and Balsamiq (Mockups can be shown on request).
- Implemented database structures as well as CRUD functionality.

EDUCATION

University of Potsdam, Potsdam, Germany
Bachelor of Science in Business Informatics
Specialization: Software Engineering, Data Modelling, Information Systems, Databases, IT-Security and Big Data.

PROJECTS, UNIVERSITY

NBB Netzgesellschaft Berlin-Brandenburg
Developed a virtual reality speech-based application for VR glasses (HMT-1 Headset) in order to record data more efficiently.
Duration: 6 months.