

ROMAN MORARU



CORE SKILLS

Programming languages

SAPUI5
JavaScript
NodeJS
SQL
PHP
Fiori
WordPress
Balsamiq
Figma
Selenium
Web-Scrapping
Mocha
Chai

Programming principles

Refactoring
Clean Code
Design Patterns

Languages

English
German
Romanian
Russian

EXPERIENCE

Berlin, BTC Business Technology Consulting AG
Software Engineer

10/2022 – present

- Developed software using the following technologies: Simplifier, SAPUI5, CSS, HTML, JavaScript and Fiori.
- 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 API 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
Software Engineer - Working Student

05/2019– 08/2022

- 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)
Software Engineer - Working Student

02/2016–06/2016

- 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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FREELANCING

- Created websites about the following topics:
 - Personal portfolio.
 - Pelvic floor exercises.
 - Laravel job posting/management.
 - Calendar for event tracking (Working, Holiday, Sick days, Birthday etc).
 - Developed them by using the following technologies: HTML, CSS, JavaScript, PHP and CMSs like WordPress and HubSpot.
 - Extended CMS-Websites (WordPress and HubSpot).
 - Created designs with Figma.
 - Implemented database structures as well as CRUD functionality.
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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.