

SAJAN RAJ OJHA*

UI/UX Developer/ Researcher

Woodland (open for relocation), CA

CONTACT

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PROFILE

Full stack UI developer with 5+ years of experience designing and developing user friendly tools.

SUMMARY

- Lead various S/W development teams.
- Sound Understanding of Data Modeling, Ontology and UML Designs.
- Experienced in Data Analysis, Data Migration, Data Validation and Data Verification.
- Extensive knowledge of designing and developing generic interfaces.

SKILLS

- Personas
- Interviews, Surveys
- User Testing
- Journey Mapping
- Wireframing/Prototyping
- Mental Model
- Evaluation
- UI/Interaction Design
- Ontology
- Data Integration
- Agile Software Development

TOOLS

- Pen and Paper
- MockPlus
- Balsamiq
- Sketch
- Omnigraffle
- Photoshop/Gimp
- Adobe XD
- Protégée

PROGRAMMING

- HTML5/CSS/JavaScript
- Angular JS, jQuery, Node JS, EXT JS
- ios (Swift)
- Java (Spring)
- Python
- MySQL, MongoDB, Postgres, 4D
- Git

* GC-Sponsorship not required

PROFESSIONAL EXPERIENCE

KnowDive Group - Trento, Italy

MAY 2018 - AUGUST 2018

Senior UX Researcher

- Mentor junior researchers to create high performing researchers.
- Successfully designed and developed five different websites for DataScientia foundation.
 - Increased findability of projects and team members by 32% after overhauling the existing ' DataScientia' website.
 - Increased translation efficiency by 23% by developing a pipeline app to create multilingual content for the 'DataScientia' website.
- Extended health ontology integrating ICD-9/10 and SNOMED.

NOVEMBER 2013 - APRIL 2018

UX Researcher

- Successfully designed and developed Safe Haven In a Box (SHIB) application that integrated patient data from NHS Scotland and Province of Trento.
 - Decreased page traversal time by 53% for medical practitioners.
- Increased findability of related artists and artifacts by 20% for integrated data from 14 museums under American Art Consortium (AAC) by designing a single page web app.
- Decreased the task completion time by 20% while searching for People, Departments, Journals in a Digital University Setting.
- Increased usefulness (44%), learnability (38%), satisfaction (35%) by designing a new website for Trentino Open Data.
- Successfully designed and developed a multi-view, exploratory design and responsive web tool called SemUI with an increased User Experience value of attractiveness (19%), perspicuity (12%), efficiency (17%), dependability (13%), stimulation (16%) and novelty (11%).

APRIL 2013 - OCTOBER 2013

Internship

- Lead a team to design better ontology in an Open Data Setting.
- Learned about data integration, Geo- Ontology for Trentino Open Data Project.
- Demonstrated the importance of User-Centric Design to the developer team.

Fraunhofer Institute - Sankt Augustin, Germany

OCTOBER 2011 - APRIL 2012

Usability Engineer

- Increased the game immersion by 40% by embedding Kinect and Wii to a regular desktop game creating a mixed reality.
- Learned to code applications for ios.

Sustainable Solutions - Lalitpur, Nepal

MARCH 2008 - AUGUST 2010

Software Developer

- Designed and developed a successful medical supply chain management system called mSupply.
- Revised the User Interface from a desktop application to a web-based and mobile app increasing the data entry efficiency by 40%
- 100% customer satisfaction by providing continuous support.

EDUCATION

NOVEMBER 2013 - APRIL 2018

University of Trento, Italy

Ph.D. in Computer Science

SEPTEMBER 2010 - MARCH 2013

RWTH - Aachen, Aachen, Germany, University of Trento, Italy (Double Degree)

Masters in Computer Science

REFERENCES

Available upon request.