

Radu Lupescu

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About me

Personal qualities:

- Fast learner
- Patient and tolerant
- Logical mathematical thinking
- Team player
- Open for criticism
- Communicative
- Calm and optimistic
- Contributive

Previously worked with:

JavaScript(ES5 and ES6), HTML5, CSS3, AngularJS, NodeJS, HapiJS, MongoDB, Grunt, ASP.NET, C#, SQL, C++, Java, SASS, Git, MVC, Unit tests, Karma, Integration tests, SCRUM, KanBan, Google Maps API, Autonomy IDOL, IIS, Windows server

Work Experience

Estates Gazette, Reed Business Information, London

Associate Developer (Aug 2014 – Aug 2015)

I worked on:

- **Dashboard application** (responsive single-page web application)
 - Skills used:
 - JavaScript(ES6), AngularJS, NodeJS, HapiJS, HTML5, CSS3, SASS, Grunt, Karma, MongoDB, Unit tests, Git, SCRUM, Google Maps API
 - My contribution:
 - Been involved in UX design, data modelling and planning sessions
 - Developed front-end reusable components such as tabs, tables etc.
 - Implemented components on pages, added basic styling and defined mock data to be displayed
 - Followed the event-driven architecture software patterns
 - Worked on creating a language agnostic API
 - Implemented business logic in API and underlying application
 - Wrote MongoDB queries in API driver class
 - Built a reusable map component from front-end display and functionality to back-end calculations and endpoint all by myself
- **Sitefinder application** (single-page web application)
 - Skills used:
 - JavaScript(ES5), AngularJS, HTML5, CSS3, SASS, Unit tests, Karma, Grunt, Git, SCRUM, Google Maps API
 - My contribution:
 - Developed the majority of front-end components such as filters, tabs, pagination, view panel etc. while pair-programming
 - Brought up suggestions regarding a few design flaws to product owner(s), which have been accepted

- **Windows migration**
 - Skills used:
 - Windows server, SQL, Autonomy IDOL, IIS, KanBan
 - My contribution:
 - Investigated machines pre-migration for dependencies and software versions
 - Requested new machines with specific configurations
 - Installed and migrated SQL and Autonomy IDOL servers
 - Setup servers through IIS
 - Successfully migrated and connected 15 servers in 2 weeks
- **EGi “Business as Usual” stream**
 - Skills used:
 - ASP.NET, C#, SQL, JavaScript, HTML5, Git, KanBan
 - My contributions:
 - Worked on large ASP.NET and SQL applications, adding new functionality, improving code and fixing bugs

Education

University of Sussex

BSc Computer Science and Artificial Intelligence (September 2012 – June 2016)

Modules studied and gained / used skills:

- Programming Concepts, Further Programming, Program Analysis, Compilers and Computer Architecture, Computer Systems, Data Structures and Algorithms – **Java**
- Databases – **SQL**
- Cognitive Science, Computer Vision, AI and Adaptive Behaviour – **MatLab**
- Natural Language Engineering, Machine Learning – **Python**
- Software Engineering, Professional Skills – **Soft skills**

National College of Computer Science “Tudor Vianu” of Romania

Mathematics and Computer Science programme (September 2008 – June 2012)

- Studied **C++** for 4 hours / week
 - Studied the language and how to use it
 - Solved algorithm based problems with space and execution time limitations
- Used **VisualFoxPro** for 1 hour / week during final year

Extracurricular

Computer Science after school classes (2002 – 2012)

- 2008 – 2012:
 - 6 hours / week of **C++** classes
 - Attended every yearly Computer Science Olympiad (algorithms and efficiency)
- 2004 – 2008:
 - 4 hours / week of **Pascal** classes
- 2002 – 2004:
 - 2 hours / week of **Microsoft Office, MS-DOS** classes

Volunteering

- Social activist at the Romanian Red Cross (2010 – 2012)
- Technical Assistant at www.amdoar18ani.ro (2010 – 2011)
- Tutor assistant for computer science during highschool (2008 – 2012)