PERSONAL INFORMATION

Daniele Gili

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✉ Daniele.gili@icloud.com

Date of birth 27/04/1991 | Nationality Italian with G permit

POSITION

Front End Engineer

WORK EXPERIENCE

2013-2016   Full Stack Developer

At AppyBros, http://appybros.ch/

- As a full-stack developer by a start-up, I had the responsibility to do develop much of the functionalities both server-side and client-side.
- Server-side, the main challenge was to build a RESTful API over Nodejs, secured through a token-based authentication system built with passportjs Those APIs were the main access point to read and write data to a database built with MongoDB, which I had previously configured, with both replication and sharding methods, over the Google cloud platform.
- Client-side I had to build an MVC webpage by using Marionettejs and many of the most common Javascript libraries like backbonejs, underscorejs and jquery.
- I automatized the deployment process through Grunt, a task manager, which allowed us to easily work with the commands necessary to concatenate, uglify and minify the files before uploading them on the production servers.
- In the last year, I started the development of the mobile version of the application through React-native from Facebook, which gave me much of the experience I was lacking in the field of the mobile applications.

EDUCATION AND TRAINING

2013-2015   Master in Information systems

Università della Svizzera Italiana – (USI)

Main courses:

- Algorithms and Complexity
- Parallel and Distributed Computing
- Software Engineering
- Distributed Algorithms
- Software Architecture and Design
- Advanced Programming and Design

2010-2013   Bachelor in Informatics

Università della Svizzera Italiana – (USI)

Main courses:

- Software Design
- Algorithms and Data Structures
- Systems Programming
- Probability and Statistics
- Theory of Computation
- Topics in Algorithms
- Introduction to Information Security

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C1	C1	B2	B1	B1

Communication skills
- During the experience at AppyBros I had the chance to work in an heterogeneous team of people and thus to develop my communication skills through actual experience in the field. Thanks to the presence of multiple projects and to several changes in the team composition, I had the chance to discuss, explain and reason both in my mother language and in English about new and unfamiliar concepts.

Other skills
- Mastery of Javascript, HTML, CSS, Nodejs and several related web technologies.
- Experience with ES6 and the major new features introduced in the Javascript language such as promises, classes and arrow functions.
- Experience with deployment tasks such as concatenation of multiple files, minification and compression.
- Experience with the version control system Git and services such as GitHub and BitBucket
- Experience with Trello and Pivotal Tracker, both systems used to keep track of the team work.
- Experience in the sector of Databases, specifically with MongoDB and its integration and configuration.
- Experience in the configuration of remote servers, e.g. Amazon AWS and Google Cloud.
- Experience with Asynchronous testing systems, specifically Mochajs, for testing an application API.
- Experience with mobile frameworks such as Ionic and React-Native.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
PROFICIENT	PROFICIENT	PROFICIENT	PROFICIENT	PROFICIENT

Driving licence   B