Florence, Italy
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Matteo Pagliazzi

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Work Experience

Full Stack Software Engineer	**HabitRPG Inc.**	**Nov 2014 – Present**
Contractor	Remote	

HabitRPG Inc. is a company that develops and operates the Habitica web and mobile applications.
Habitica is a task manager and self improvement app that employs gamification techniques in order to keep users motivated and on track to achieving their goals. It has 5 million registered users and over 200.000 active ones across Web, Android and iOS. The entire codebase is open source and available on Github.

- Design, development, management and performance optimization of the REST API written in NodeJS and backed by a MongoDB database.
- Implementation of the web app responsive redesign and of the transition from AngularJS 1 to VueJS.
- Management of the deployment process and scaling of the backend on cloud services including AWS Elastic Beanstalk, Heroku and Google Cloud Platform using Docker and Kubernetes.
- Implementation of the CI/CD pipeline. Test Driven Development, Unit and Integration tests.
- Collaboration as part of a fully remote team and of an open source community, management of the Git repository, code review.

Technologies and Languages

- Languages: Javascript (ES6+), HTML / CSS, Java, C, SQL.
- Technologies: NodeJS, ExpressJS, MongooseJS, VueJS, ReactJS, Mocha, MongoDB, AWS, GCP, Heroku, Kubernetes, Docker, Git, Github Actions.

Projects

- **Adrenalina:** Java implementation of a card game with multiplayer features over the network, developed with other students as part of my thesis project. The source code is available on Github.
- **Hours:** a minimalist time tracking web application released on the Chrome Web Store and developed using VueJS. The source code is available on Github.

Education

- **B.Sc. Engineering of Computing Systems,** Politecnico di Milano, Milan, Italy.	**Oct 2015 - Mar 2020**
- **High School Diploma,** Liceo Scientifico Guido Castelnuovo, Florence, Italy.	**Sep 2010 - Jun 2015**

Languages

- **Italian:** first language.
- **English:** fluent.