Milan, Italy
matteopagliazzi@gmail.com

Matteo Pagliazzi

linkedin.com/in/matteopagliazzi
github.com/paglias

Work Experience

Software Engineer   **Klarna**   **Jan 2021 – Present**

- Working mainly as a Backend Software Engineer in the banking section of the company.
- Development of internal services providing REST APIs to other teams in the organization built on a serverless platform (AWS Lambda) written in NodeJS using functional Typescript. Async communication with other services using SNS, SQS, Kafka. DynamoDB and Redis for storage.
- Development of the frontend for an internal back office tool in React.

Full Stack Software Engineer   **HabitRPG Inc.**   **Nov 2014 – Dec 2020**
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: Typescript, Javascript (ES6+), HTML / CSS, Java, C, SQL.
- Technologies: NodeJS, fp-ts, AWS (Lambda, DynamoDB, SQS, SNS, …), Redis, ExpressJS, React, Kafka, Terraform, MongooseJS, VueJS, Jest, Mocha, MongoDB, 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.