**Resume - Mahan Mashoof**

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Portfolio: <https://mahan.netlify.app/>

**Web Developer & Engineer**

SKILLS

**Web development skills**

HTML, CSS, JavaScript, Ruby on Rails, React.js, Next.js, MVC, SQL, Bootstrap, Git, Jira, Trello

**Training:** Node.js, Express.js, Redux, Python, MongoDB, Materials UI, PHP, Laravel

**Soft skills:** Leadership, Team work, Communication, Problem solving

QUALIFICATIONS

**Development of web pages & applications** in Ruby on Rails, JavaScript and React.JS with features like CRUD, DOM manipulation and integration with other services.

**Customer support and staff training** of Design automation tools as a consultant for various European enterprises.

**Project management**, Project development, Budgeting, Capital raising, Web-design, and Business development for start-ups in Food-tech and Sports car manufacturing.

PROFESSIONAL EXPERIENCE

**Inova Imobiliária** July 2020 - ongoing

* Full stack developer, in a team of four, with mission to join real estate and banking services in a single Ruby on Rails app. Project scope: start to delivery, working in weekly sprints and daily scrums. Development of SPA in React and Next.js
* Bitbucket - Heroku with PostgreSQL DB
* Ruby, HTML, CSS, JavaScript, Bootstrap + JQuery & Ajax
* MVC, CRUD, API consumption and AWS S3 integration
* Model tests using Rspec

WEB PROJECTS

**Aprova Fácil** Feb 2021<http://app.aprovafacil.net/users/sign_in>

* HTML, CSS, Rails, jQuery, Heroku, PostgreSQL, AWS, Bitbucket, Jira…team: 3
* User registration, form input and credit validation (bank) for purchase of online property objects. My contribution: RoR full-stack delivery.

**Sistema Inova** Mar2021 <https://site-inova.herokuapp.com/>

* React, Bootstrap, Next.js, Heroku, Github, Trello…team: 3
* SPA, for integration with real estate CRM systems, agent candidacy form and company presentation. My contribution: The whole front-end.

**Map&Weather** June2020 <https://mapnweather.netlify.app/>

* HTML, CSS, JavaScript, Bootstrap, Github
* SPA, showing map and weather forecast of places, using Axios to consume APIs from Google maps and Openweather

ENGINEERING WORK EXPERIENCE

**Daitya Automotive** May 2020 – Sep 2020

**Team manager and Project management**

Mechanics department manager and remote project management for 16 engineers worldwide at automotive start-up Daitya, with mission to develop first Indian super sports car, Rudra-HC.

* Project scope and milestone definitions
* Progress measurement and decision making, daily scrum and technical feedback

**Bosch Rexroth** Sep 2018 - May 2019

**Senior Mechanical engineering consultant**

Custom-ordered Hydraulic cylinders used in manufacturing-, food- and mining industries, designed for in-house production

* Applied hydraulic sealing solutions for custom product configurations
* Versioning in SAP and Windchill PDMLink

**Orgentec Diagnostika** Jan 2016 - May 2017

**Senior Mechanical engineering consultant**

Product development and module responsible for redesign of an automatic Serology diagnostics device, in cross-functional collaboration with HW and SW.

* Established device liquid flow chart and developed unit for system liquid dispensing.
* Created of new cartridge loading unit, increasing test loading capacity by a factor of 30
* Performed Finite Element Analysis and assisted PM with design coordination

**GE Healthcare** Jun 2013 - Dec 2015

**Senior Mechanical engineering consultant**

Development of a new Side cabinet including Power unit, Cooling unit and Radio Frequency Unit for GE new GENtrace Cyclotron.

* Created a more compact and serviceable water-cooling unit with GE Advanced engineering crew
* Designed a more cost-effective Radio frequency unit with GE Electric team
* Developed and assembled new cyclotron side cabinet, reduced in cost and size

**Swedish Space Corporation** Jun 2011 - Apr 2013

**Senior Mechanical engineering consultant**

Rocket launch campaign of micro-gravity test (X-ray imaging of metal-alloy crystallization), ordered by the European Space Agency, followed by a re-design of same experiment unit for Zero-G parabolic tests.

* Reviewed, tested, performed documentations and troubleshooting for launch preparation
* Contributed to assembly and dimensional analysis of the rocket according to requirements
* Contributed with cooling-liquid pressure drop calculations for experiment rocket unit

**ADB Safegate** Aug 2011 - Sep 2012

**Mechanical engineering consultant**

Improvement of airport Runway light housing (IDM2051) system and user manual

* Designed new facet-reflector prototype in cooperation with University of Helsinki
* Enhanced light housing heat shielding and redesigned PCB
* Updated product manual

**Tacton Systems** Oct 2007 - Nov 2010

**Configuration specialist SolidWorks**

Application and training of Design automation CPQ TactonWorks (parameter-based configurator)

* Provider of TactonWorks solutions in various projects, collaborating with multinational stakeholders
* Staff training, Product support and Customer service in various European countries including guidance and tutorial documentations

**Edumais** 2019 – present

**English teacher**

Voluntary teaching in a Brazilian NGO for school kids of various ages and levels.

EDUCATION

**KTH Royal institute of Technology** Sep 1999 - Nov 2004

**Master of Science Vehicle Engineering**

Graduate courses in mechanical engineering

Master Thesis in Industrial Coffee Machine production and assembly methods (Coffee Queen)

**Le wagon** Oct 2019 - Dec 2019

**Full-stack web development bootcamp**

9-week intensive coding boot camp learning HTML, CSS, Bootstrap, JavaScript ES2015,  
SQL, git, GitHub, Heroku and Ruby on Rails. Designed, implemented and shipped to  
production a clone of AirBnB (http://venuevidivici.herokuapp.com/) and a Rails prototype of <http://www.usicz.com/>

LANGUAGES

English *full proficiency*

Swedish *native*

Persian *native*

Portuguese *fluent*

Norwegian *good*

German *basic*

RELEVANT COURSES

**Data science professional certificate, IBM** May 2019

**Investment and portfolio management, Rice University** Sep 2019

**Digital Transformation, University of Virginia & Boston Consulting Group** May 2019

**The Fundamentals of Digital marketing, Google** Feb 2018

MISCELLANEOUS

**Employee of the month** **Prevas AB**, Stockholm, Sweden Oct 2011

**Basketball club president** **BK Foul**, Stockholm, Sweden 2004-2016