

# Rachid Al Maach

Senior Full Stack Engineer & Team Lead

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## Professional summary

Experienced Full Stack Engineer and Team Leader with 20+ years in the tech industry. Proven track record of driving business growth through innovative digital solutions and leading high-performing teams. Expertise in full-stack development, project management, and technical mentorship. Passionate about solving complex challenges and delivering impactful results.

## Key Skills and Expertise

### Technical Skills:

- Full Stack Development
- Ruby on Rails, Ruby, Sinatra.rb
- JavaScript (TypeScript, React.js and Ember.js), Next.js
- PostgreSQL, MySQL, TimescaleDB (PostgreSQL Timeseries)
- Elixir, Phoenix
- GraphQL
- Object Oriented Programming, Functional programming

### Leadership & Management:

- Team Leadership, Project Management
- Transition Management, Mentorship

### Methodologies:

- Agile (SAFE), Scrum, DevOps, CI/CD
- Test Driven Development
- Behaviour Driven Development

*Stack: Ruby on Rails, React, PostgreSQL, Jenkins, Docker, GraphQL, Github actions, Ansible*

- Led the transition of the Ruby on Rails SaaS product from an external vendor to an internal team, ensuring minimal disruption and continuous service delivery.
- Actively participated in building a high-performing internal team by identifying and recruiting talent.
- Provided ongoing technical guidance and mentorship to the newly hired tech lead, facilitating knowledge transfer and fostering a collaborative team environment.
- Enhanced operational efficiency and reduced dependency on external vendors, significantly improving the company's control over its technology stack.
- IAM fully configurable SSO interface to ease onboarding of customers using their own Identity Provider (SAML & IDOC)

Bottomline.eu - Sr. Developer, Team Lead | aug 2014 - dec 2019

*Stack: Ruby on Rails, MSSQL, Ember-Cli, Cordova, Docker, Serial/Bluetooth, Capistrano, Circle-CI*

- Designed and implemented mobile application from scratch, which now operates in over ten European countries in transporting fuels and other like liquids.
- Developed, led and designed the API interface for their planning software
- Truck Inventory automation, connected and designed an API for a legacy Serial interface using a wireless serial bluetooth bridge to exchange data between truck and the mobile device to track excess or mismatched delivery
- Stabilized the application and led the transition to an internal team, ensuring continuous improvement.
- True offline support: application could work on and offline due to connectivity issues in countries like Finland and Norway don't have a full coverage for mobile internet.
- Temporarily led the outsourcing of the project due to high demand
- Recruited and mentored new internal developers

Kanker.nl Platform (KWF, NFK & IKNL) - Full Stack Developer | may 2013 - jun 2014

*Stack: Ruby on Rails, Backbone.js, Javascript, Jenkins*

- Frontend and backend development for the launch of the Kanker.nl platform using Backbone.js and a custom CMS.
- Architected the platform, ensuring scalability and ease of use in a resource-limited environment.

ViaViela Management System - Full Stack Developer | jan 2012 - jan 2013

*Stack: Ruby on Rails, PostgreSQL, Heroku*

- Contributed to the development of a comprehensive management system for both parents and host parents, streamlining all administrative tasks.
- Designed and automated the invoicing process, reducing manual intervention and minimizing errors
- CLIEOP to SEPA migration.

Railrelease BI Dashboard - Full Stack Developer | may 2011 - dec 2011

*Stack: Ruby on Rails, Backbone.js, OracleDB, Javascript*

- Developed a business intelligence dashboard for Railrelease, providing real-time insights into planning data stored in an Oracle database.
- Created dynamic and configurable reports, enabling the client to generate new reports post-delivery.

Smaller in-between projects between 2012-2024 Duration ~ 3 - 12 months

*Stack: Elixir, React, React-Native, GraphQL, Heroku, Dokku, Hasura, PostgreSQL, ActiveAdmin*

- Daralilm: Custom CORS system, tailor made online courses (React)
- Ruggengraat: Moved Android & iOS native mobile apps to (React-Native), to simplify development
- Ruggengraat: Development of realtime scheduling system for small group training sessions (React)

## Senior Full Stack Engineer & Team Lead

Qraft B.V. - Freelance, Utrecht, Netherlands | 2010 - Present

- Joined different development teams as (lead) back / front and full stack developer in in different Agile (SAFE) Scrum environments.
- Migrated iOS / Android as a lead developer native apps to react native resulting reducing costs of ownership and increase of productivity.
- Led the development and launch of digital products, resulting in revenue increase
- Managed the transition of a SaaS products from external vendor to internal team, reducing costs & reducing risk of service continuity.
- Mentored and developed junior engineers, improving team productivity.

## CRM Implementation Consultant & Technology Innovator

Memocom B.V., Utrecht, Netherlands | 2006 - 2011

- Implemented CRM systems across multiple client organizations, improving customer retention and optimized critical business processes.
- Pioneered the adoption of modern web technologies, enhancing service delivery and customer satisfaction.

## Head of IT

Presence Werving & Selectie, Utrecht, Netherlands | 2004 - 2005

- Optimized IT infrastructure, reducing operational costs
- Managed IT support and service delivery, ensuring seamless operations across the company.

- Hogeschool Utrecht, Utrecht, Netherlands | 2002 - 2006
- Minor in Informatics
- Certificate for Multimedia Engineer
- Internship:
  - Presence Werving & Selectie | 2003 - 2004
    - Focused on business process optimization, contributing to streamlining operations and improving efficiency.
  - Memocom B.V. | 2005 - 2006
    - Graduation project titled "CRM Scan: from Investigation of Needs, to Action," which involved developing a survey tool to uncover software market potential, leading to valuable insights for the company.

## Rens &amp; Rens: Advanced Electronics

- Rens & Rens, Hilversum, Netherlands | 1998 - 2001
- Specialization in Custom PCB Development and Programming

- Interests: Running, Soccer, Shore Fishing, Traveling
- Languages: Dutch (Native), English (Fluent)