

# ALESSIO DI CRESCENZO

Senior Full Stack Engineer



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📍 Amsterdam

## SUMMARY

I'm a full-stack web developer with a comprehensive understanding in all areas of web development. With more than 8 years of experience, I'm helping companies to plan, design and deliver digital products.

## EXPERIENCE

### Senior Full Stack Engineer

Elsevier - Quantum    📅 12/2021 - Ongoing    📍 Amsterdam

This product provides an innovative approach for reviewing and publishing scientific papers. The App enables Journal editor to go smoothly through the review process: from the creation of the digital manuscript to its publishing.

- Decreased time to publish of Scientific paper from 6 months avg to 4 weeks.
- Implemented AWS step functions for handling reminders with AWS Lambda
- Nodejs API with GraphQL, Prisma and Nexus
- React application
- CI/CD through GitHub Action
- Kubernetes

### Senior Frontend / Full Stack Engineer

Elsevier - Funding Data Manager    📅 10/2018 - 12/2021  
📍 Amsterdam

FDM is the brand new Web Application for replacing the legacy Funding Data App. It provides an elegant way to aggregate and visualise data from Elsevier's data chain. Content Managers rely on this new web application in order to take decisions, create report and communicate with providers.

- Introduced micro-frontend architecture with server side composition
- Decreased the loading time of 88% introducing SSR and Lazy Loading
- Aggregate data from multiple source with a GraphQL middleware
- 90% of Unit Test coverage
- Data visualization with React and Chart.js
- Build API microservices using Java Spring Framework
- CD / CI with Jenkins for Frontend fragments

### Senior Front-End Engineer

Elsevier - FCA UI Library    📅 10/2018 - 12/2021    📍 Amsterdam

Elsevier products need to be compliant with brand guidelines. The FCA UI Library is providing react components based on Elsevier's design system. I'm part of the core team of engineers that built and maintain the library.

- Work with cross-functional teams on technology decision and technical designs
- Work closely with designers to translate strategies to operational plan
- Support the team and help them in order to achieve team objectives

## EDUCATION

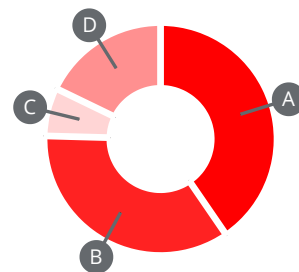
BACHELOR'S DEGREE - Computer Science

Università dell'Aquila (Italy)

GPA **101** / 110

📅 2011 - 2014

## DAILY TASKS



- A Frontend
- B Backend
- C DevOps
- D Others

## SKILLS

React	Typescript	GraphQL	Redux
MobX	Nodejs	Expressjs	Php
Java	Spring	MySQL	Postgresql
MongoDb	Html5	Webgl	
Scss / Less / Sass	FlowType	Webpack	
Babeljs	Adonisjs	Cypress.io	Jest
Enzyme	Jira	Git / Github/ Gitlab	
Jenkins	AWS	SSR	Kubernetes
Sketch	Adobe Illustrator		
Adobe Photoshop	Zepplin		

## EXPERIENCE

### Senior Frontend Engineer

Elsevier - Funder Console  08/2018 - 10/2018  Amsterdam

This project has involved 5 developers from different teams in order to build the ground of our new architecture with the Micro-frontends approach.

- Micro-frontend architecture with Server Side Composition
- Build the scaffolding of CI/CD pipeline sharable across teams
- Bootstrap a Kubernetes in order to support microservices architecture

### Senior Frontend Engineer

Elsevier - Funding Institutional  10/2017 - 08/2018  Amsterdam

Elsevier hired me for building a new web application for funding research opportunities.

<https://www.fundinginstitutional.com>

More than 100 Universities are using this product for handling and organising funding opportunities across their institutions.

- Creating from scratch a digital product for the funding ecosystem
- Collaborating with the product owner for implementing and planning successful analytics for relevant KPIs
- Mentoring juniors developers
- Leading interviews for hiring new developers for the AMS Tech Hub
- Providing solutions for improving user experience
- Defining tech roadmaps and priorities that fit product necessities
- Facilitating the refinement and planning sessions of scrum ceremonies

### Senior Frontend Engineer

Bynder  01/2017 - 10/2017  Amsterdam

I've joined the company to support the development of a new version of their digital asset management.

- Working in agile environment using SCRUM
- Collaborating with 5 different teams on the same code base
- Fast pace delivery environment
- Collaboration in open source projects

### Frontend Developer

DGT Media  03/2015 - 01/2017  Turin (Italy)

I've delivered high level designed websites for several businesses in Italy. Features built by me are currently running in the most of their main successful websites.

- AWWWARD Nomination for lamartina.com
- Pixel perfect websites
- High demand for JavaScript animation and WebGL

### Frontend Developer

Prodigys Group  2013 - 2015  Milan

I worked as consultant for Alliance, Axa and Vodafone. I was involved to develop digital product like Responsive landing page, data dashboard, and custom CMS.

- Mainly working with AngularJS
- Responsive web design with bootstrap and Foundation
- Email marketing

## CERTIFICATION

### DDI - Emerging Leader Course

<https://www.ddiworld.com/>

### AND Digital - Scrum certification

<https://and.digital/>

### Object Oriented Design - Coursera

<https://www.coursera.org/account/accomplishments/certificate/XNTRL7HH64UK>

### The Data Scientist's Toolbox - Coursera

<https://www.coursera.org/account/accomplishments/certificate/HASCMDNVX4LT>

## LANGUAGES

English Proficient ●●●●●





Italian Native ●●●●●

## RECENT TALKS AND MEETUP

 **React Amsterdam Talk**  
I was invited from React Amsterdam as first speaker at the 2019 pre-party conference. My speech was about integration between React and A-Frame. [Slides](http://alessiodicrescenzo.com/react-aframe-talk/)  
(<http://alessiodicrescenzo.com/react-aframe-talk/>)

 **OffCourse GraphQL Talk - Rotterdam**  
My talk was about GraphQL and how it can improve API architecture. [Slides](http://alessiodicrescenzo.com/graphql-talk/)  
(<http://alessiodicrescenzo.com/graphql-talk/>)

## FIND ME ONLINE

-  **Personal website**  
<http://alessiodicrescenzo.com/>
-  **YouTube (Italian)**  
<https://www.youtube.com/c/Dcomedevlopers>
-  **Docety (Italian)**  
<https://www.docety.com/coachs/25603/dettagli/Di+Crescenzo+Alessio>
-  **Github**  
<https://github.com/kenta88>

## EXPERIENCE

### Web Developer

IIS Consulting

📅 2013 📍 Milan

I worked as web developer for developing interactive marketing content for their CRM.

## FIND ME ONLINE

Linkedin

<https://www.linkedin.com/in/alessiodicrescenzo/>

## SIDE PROJECTS

### YouTube - D come Developers

📅 12/2020 - Ongoing

This is my YouTube channel where I publish videos about the web ecosystem and developer lifestyle.

- 1100 subscribers
- Mentoring junior developer
- Reviews developers product
- Knowledge sharing
- Talks about frameworks, good practice and soft skills

### Docety

I've been selected from Docety team to join their coach group. Here I'm providing sessions for mentoring engineers about coding.

- Providing 1on1 sessions
- Delivered a React Video Course for beginners

### Guidee.Me

Web platform to create and sell video travel guides.

[Guidee.me](https://guidee.me/) (https://guidee.me/)

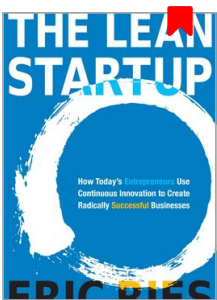
- What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)

### React-Imago3d

React WebGL Application to create Vr environment

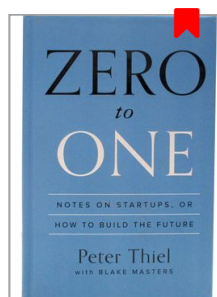
- [Imago3d](http://react-imago3d.alessiodicrescenzo.com/) - (http://react-imago3d.alessiodicrescenzo.com/)

## FAVOURITE BOOKS



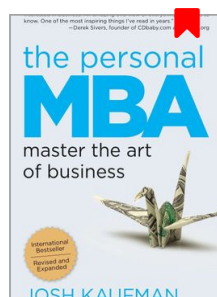
The Lean Startup

Eric Ries



Zero To One

Peter Thiel



The Personal MBA

Josh Kaufman