Salim Dellali

Software Engineer & Typescript Node.js Backend Developer (Bilingual)

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🌐 https://salimdellali.netlify.app ⓞ https://github.com/salimdellali

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Passionate and experienced Software Engineer and Typescript Node.js Backend Developer, proficient in building robust web applications and web services. **Specialized in Javascript ecosystem, particularly Node.js backend development**, with a track record of delivering high-quality solutions. Eager learner, committed to excellence in **software craftsmanship.**

Work Expertise

The primary development toolkit centers on the robust **Javascript ecosystem**, harnessing leading-edge technologies to drive innovation and elevate project outcomes

- Programming languages: **Typescript**
- Backend: **Node.js** - **Express.js - NestJS**
- Databases: **Prisma - MongoDB - MySQL**

- Frontend: **React.js**
- Testing: **Jest**
- API Architectures: **REST API**
- Version control: **Git - GitHub**

Work Experience

Intermediate Backend Node.js Developer @Combyne Ag | **Remote, Canada**   **[MAR 2023 - MAR 2024]**

Combyne Ag (Acquired by BAYER) is a crop marketing management app that empowers farmers to make quick and easy grain marketing decisions, with all their information in the palm of their hands. Combyne Connect - product of Combyne - is an API ecosystem that farmers are able to use to connect Combyne to both their farm tools and buyer tools, and to bring their relevant crop marketing data all together in a single place.

Being part of the Combyne Connect Team, as an Intermediate Backend Javascript Developer, my duties were the following

- With the help of 2 teammates, built Combyne Connect REST API from scratch using **NestJS**
- Ensuring rigorous REST API's unit, integration and e2e testing using **Jest**
- Craft comprehensive **Swagger** documentation for the Combyne Connect API to ensure clarity and accessibility for stakeholders
- Implemented "black box" automated test for the REST API using **Mocha and Chai**

While working at Combyne Ag, the key achievements were the following
- ✔ We initiated and launched the inaugural iteration of Combyne Connect REST API, **driving a 25% uptick in both free and premium user engagement** via Combyne App
- ✔ Following the successful Combyne Connect REST API launch, this positioned the company to **attract corporate interest in bulk subcontracting of Combyne App account**s

Main technologies used at Combyne Ag
Typescript · Node.js · NestJS · Prisma · AWS Cognito · Swagger · Jest · Jira · REST API · Git · GitHub · VSCode · Postman · Slack · MacOS

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Backend Node.js Developer @YASSIR (YC W20) | Remote, Algeria   [MAR 2022 - FEB 2023]

YASSIR is the leading super App for on-demand and payment services in French-Speaking Africa, offers on-demand services such as ride-hailing, last-mile delivery, and financial services to help users pay, save and borrow digitally.

Being part of the Shared and Financial Services Engineering Team, as a Fullstack Developer doing backend development, the duties were the following
- Developed new features and fixed bugs on the Referral REST API using **Express.js**
- Crafted missing **Swagger** documentation to enhance new developers team's integration
- Collaborate with Engineering and Product Managers to define project specifications
- Implemented automated tests for the REST API using **Postman**
- Actively engaged in the technical recruitment process of new developers

While working at YASSIR (YC W20), the key achievements were the following
- ✔ Accelerated the progress of the Referral project, **elevating its completion status from 50% to 80%**
- ✔ Spearheaded the recruitment efforts, **strategically onboarding 3 highly skilled Node.js backend developers**, augmenting the team's capabilities and fortifying project execution

Main technologies used at YASSIR (YC W20)
Typescript · Node.js · Express.js · MongoDB · Mongoose.js · Swagger · Jira · REST API · Git · GitHub · VSCode · Postman · Slack · MacOS

Javascript Developer @Data Impact | Remote, Algeria   [SEP 2021 - JAN 2022]

Data Impact is a powerful, collaborative analytics platform that helps brands interpret and master their omnichannel data. Real-time e-store data and advanced A.I. algorithms offer actionable insights and clear strategic guidance for optimized execution across an organization.

Being part of the Engineering team, the duties were the following
- Engaged with legacy **Javascript** code to maintain a proper execution of the dashboard
- Assisted Product Owners in bug detection and resolution while cleaning the code
- Facilitate coordination with PHP and GO development teams regarding data transfer
- Participated in releases to the pre-production and production environments

While working at Data Impact, the key achievement were the following
- ✔ **Unearthed and swiftly remedied a concealed bug** disrupting dashboard calculations

Main technologies used at Data Impact
Javascript ES6 · VSCode · Jira · Git · BitBucket · Slack

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Fullstack MERN Developer (MongoDB - Express.js - React.js - Node.js)   [APR 2020 - SEP 2021]

- Demonstrated proactive skill development in Web Development during the Covid-19 pandemic, **extensively exploring the JavaScript ecosystem and mastering the MERN Stack** through rigorous self-guided study and practical application in side projects

Main technologies learned
Javascript ES6 · *Gulp.js* · *Npm* · **MongoDB** · **Express.js** · **React.js** · **Node.js** · *Mongoose.js* · **Typescript** · *Redux* · *Axios* · *Sass* · *React-bootstrap* · *Material-ui* · *Styled-components* · *Git* · *Github* · *JWT* · **Jest** · **REST API** · *Postman* · *WebStorm* · *VSCode* · *Netlify* · *Heroku*

Fullstack Web Developer @Mediafex | On-site, Algeria   [FEB 2019 - MAY 2020]

Mediafex is a Communication Consulting and Web Agency founded in 1999 by Mr. Mohamed Boumala, the core activities of Mediafex are graphic design, building search engines about companies, producing advertising products and corporate gifts, producing advertising signages, and providing internet services such as web development and web hosting.

As a Fullstack Web Developer, the duties were the following
- Gathered Mr. Boumala's requirements to build websites and web services
- Built websites and web services for Mediafex's products and services
- Coordinated with a graphic designer to create assets for websites development

While working at Mediafex, the key achievements were the following
- ✔ Developed Mediafex's impactful presentation website to effectively showcase its product and service offerings, **attracting 4 new clients**
- ✔ Engineered a sophisticated website featuring advanced fuzzy search functionality for Line-x Algeria, optimizing user experience and facilitating seamless navigation through extensive product catalogs, resulting in **selling Line-x products and services to 25+ individual clients and 5+ companies**

Main technologies used at Mediafex
HTML5 · *CSS3* · **Javascript ES5** · *PHP* · *MySQL* · *Bootstrap* · *JQuery* · *FileZilla* · *CPanel* · *Git* · *BitBucket* · *PhpStorm*

Wordpress Web Developer @Feel Safety | On-site, Algeria   [OCT 2018 - JAN 2019]

Feel Safety is specialized in wholesale distribution of personal protective and fire fighting equipment.

As a Wordpress Developer, the duties were the following
- Developed new features for the Feel Safety website using **Wordpress**
- Ensured seamless website operation by addressing bugs and optimizing performance
- Contributed to enhancing the User Interface and User Experience (UI/UX) of the website

While working at Feel Safety, the key achievements were the following
- ✔ Implemented strategic bug fixes and UI/UX enhancements on the website, **resulting in a notable 20% boost in sales performance**, underscoring a commitment to delivering optimal user experiences and driving revenue growth

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Personal side-projects

During the lockdown, had the chance to deep dive into the Javascript ecosystem. **the key achievements were the development of the following side-project**:

- ✔ **Backend Web Projects (REST APIs)**
    - ○ **Mini Twitter REST API**: built using Typescript, Node.js, Express.js, JWT, MongoDB and Mongoose.js
        - ■ Github repo: github.com/salimdellali/mini-twitter-rest-api-backend-server
    - ○ **Parking Lot REST API**: built using Node.js, Express.js, Typescript, In-Memory Storage, and Jest
        - ■ Hosted on Render link: https://parking-lot-server.onrender.com
        - ■ GitHub repo: https://github.com/salimdellali/parking-lot-server
    - ○ **Text Storing and Processing REST API**: built using Node.js, Express.js, MongoDB, and Mongoose.js
        - ■ Hosted on Render link: https://text-storing-processing.onrender.com/text
        - ■ Github repo: https://github.com/salimdellali/text-storing-processing

- ✔ **Fullstack Dummy React Conference Project (MERN Stack)**: Video presentation on LinkedIn
    - ○ **Dummy React Conference REST API**: built using Node.js, Express.js, JWT, MongoDB, and Mongoose.js
        - ■ Hosted on Render link: https://dummy-react-conf-server.onrender.com
        - ■ GitHub repo: https://github.com/salimdellali/dummy-react-conf-server
    - ○ **Dummy React Conference Dashboard**: built as a Jamstack website using React.js, React-router-dom, Redux, Formik, and Material-UI as UI library
        - ■ Live demo link: https://dummy-react-conf-dashboard.netlify.app
        - ■ GitHub repo: https://github.com/salimdellali/dummy-react-conf-dashboard
    - ○ **Dummy React Conference Website**: built as a Jamstack website using React.js, React-router-dom, Formik, and React-bootstrap as UI library
        - ■ Live demo link: https://dummy-react-conf-website.netlify.app
        - ■ GitHub repo: https://github.com/salimdellali/dummy-react-conf-website

- ✔ **Frontend Web Projects**
    - ○ **Personal Website & Portfolio**: https://salimdellali.netlify.app

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Education

Master's degree equivalency in **Software Engineering** by WES - Canada   [SEP 2023]

Master's degree in **Software Engineering** @USTHB - Algeria   [SEP 2015 - JUN 2017]

Bachelor degree in **Computer Science** @USTHB - Algeria   [SEP 2012 - JUN 2015]

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Certifications & Courses

CELPIP English Exam Certificate   [NOV 2023]
   Speaking: 9, Listening: 10, Reading: 10, Writing: 10

Clean code course By Maximilian Schwarzmülle - Udemy certificate   [JUN 2021]

Languages

Full professional proficiency in: **English and French**

Professional proficiency in: **Arabic and Russian**

Volunteering experience

AIESEC - Local Committee Benak, Algeria   **[OCT 2014 - MAY 2018]**
   AIESEC is a global platform for young people to develop their leadership potential through practical experiences of many kinds, including internships, volunteering opportunities, and more. Founded in 1948, AIESEC is a non-governmental and not-for-profit organization entirely run by youth, for youth.

   While a student, had the chance to join AIESEC, one of the largest youth movements in the world. The positions held during the AIESEC journey were: **Team Member Designer, Team Member Talent Management (TM) Tracking, Team Leader TM Tracking, AIESEC Products Promoter, TM Department Vice President. Ended my journey by becoming an AIESEC Alumnus**.

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