

Houssem Ben Hassen

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Resume — Frontend Architect with over 7 years of experience in designing, developing, and implementing complex web applications. Expert in frontend technologies such as React, Vue.js, and Angular, with solid expertise in backend development using Node.js and Express.js. Proven skills in software architecture, setting up CI/CD pipelines, and managing development teams. Passionate about mentoring junior developers, coaching, and continuously improving development processes. Demonstrated experience in Agile project management and sprint planning, with a proven ability to lead innovative projects to success.

Management and Leadership Skills

- **Code Review:** Managing code quality through regular reviews and constructive feedback.
- **Mentoring:** Coaching and skill development of junior developers.
- **Sprint Planning:** Organizing and managing sprints using Agile methodologies.

Technical Skills

Languages

JavaScript, C/C++, Python, Java

Backend Frameworks

Express.js, KOA, Sails

Methodologies

Agile, Scrum

Others

HTML5, CSS3, Git, Docker, Redis, KubernetesLinux, Windows

Frontend Frameworks

React, Angular, Vue.js, AngularJS

Database

PostgreSQL, MongoDB, Oracle

Design

UML, Design patterns

OS

Experience

iObeya Tunisia

Frontend Technical Lead

December 2022 – Present

Responsibilities

- Conduct code reviews and mentor junior developers.
- Design and put in place a micro-frontend architecture of the new product "VMS".
- Set up CI/CD pipelines using GitLab CI, automating deployment and code analysis.
- Develop a microfrontend architecture to meet technical needs.
- Create and deploy a component library using Vue.js for internal use.
- Develop a centralized event management solution using finite state machines.

iObeya Tunisia

Senior Frontend Developer

August 2022 - December 2022

- Developed the frontend part of the visual management product "iObeya".
- Technologies used: Vue, Vuex, Docker, AWS (Cognito, S3)
- Jest, XState, GIT

NCQ-devstudio

Frontend Developer

October 2020 - July 2022

- December 2020 – July 2021: Developed the frontend of a trading platform.
- Technologies used: React, Redux, Material UI, AWS (Cognito, S3)
- November 2021 – May 2022: Developed the frontend of a web marketplace application izi-place.
- Technologies used: React, Redux, Material UI, Docker
- Keywords: Node.js, MongoDB, React, Material-UI, GIT

Exco Tunisia

Fullstack Web Developer

June 2020 - October 2020

- Participated in the development of the Paytea platform for HR and payroll management.
- Frontend development with React and Redux.
- Backend development in Node.js (Sails)
- Keywords: React, Node.js, PostgreSQL, Sails, GIT, SCRUM, Ant Design

- Developed a recruitment platform with video capture and streaming (applications are captured videos).
- Keywords: Node.js, MongoDB, React, Material-UI, GIT

KyalisTech

September 2018 - January 2020

Fullstack Web Developer

- Developed the product Taiga.voyage (similar to Trivago) for a KyalisTech client.
- Frontend development with React and Redux.
- Backend development in Node.js.
- Database analysis.
- Keywords: React, Node.js, PostgreSQL, Express.js, Kubernetes, GIT, SCRUM

Tunpixel

November 2017 - August 2018

Fullstack Web Developer

- Participated in frontend and backend development of the "jobi.tn" recruitment website.
- Developed unit tests for REST and SOAP APIs for Tunpixel clients.
- Keywords: Angular, Vue.js, jQuery, Node.js, Express, Sails.js, Docker, Redis, PostgreSQL, MongoDB, GIT, Scrum

Telnet

September 2017 - October 2017

Embedded Systems Engineer

Telnet

February 2017 - August 2017

Final Year Project

- Designed and developed a supervision platform for LoRa networks.
- Keywords: AngularJS, Node.js, MongoDB, ExpressJS

KB2I

July 2016 - August 2016

Engineering Intern

- Collected data from motion sensors through a JavaScript (Node.js) application on Raspberry Pi 3.
- Keywords: JavaScript, Node.js, Raspberry Pi 3

Yassmine Engineering

July 2015 - August 2015

Engineering Intern

- Designed and implemented an access control system with synchronization to a web server.
- Keywords: ESP8266, Arduino, C, RFID

Education

INSAT

2012-2017

National Diploma in Industrial Computer Science Engineering

- Embedded Systems option

Lycée El Metouia

2011-2012

Baccalaureate in Mathematics

- Graduated with honors

Challenges

All Star Netlinks Embedded Systems Challenge

February 2017

Second Place

Tunirobots Exhibition

April 2015

Second Place

- Designed and implemented a mobile app that controls a suitcase to follow its owner.

Associations

INSAT Android Club

2013-2017

Member

INSAT Android Club

2015-2016

Robotics Workshop Leader

Languages

- French: Professional proficiency
- English: Advanced Professional proficiency
- Arabic: Native language