

# Nasreddine Bac Ali

FULL-STACK SOFTWARE ENGINEER

Busken Huetlaan 70 2273TV, Voorburg, Netherlands

☎ (+31) 6 26734687 | ✉ nasreddine.bacali95@gmail.com | 📷 bacali95 | 🐙 bacali | 💼 bacali | 🐦 \_bacali

“Be the change that you want to see in the world.”



## Summary

Currently a full-stack software engineer. At least two years of experience in backend, web development. A super nerd who loves competitive programming, Linux and likes to give a hand to anyone who needs help. Interested in developing a better problem-solving method for challenging tasks and learning new technologies and tools.

## Education

### National Engineering School of Sousse

APPLIED COMPUTER ENGINEERING

Sousse, Tunisia

SEP. 2016 - SEP. 2019

### Preparatory Institute for Engineering Studies of El Manar

PREPARATORY DIPLOMA IN MATHEMATICS AND PHYSICS

El Manar, Tunis, Tunisia

SEP. 2014 - JUNE. 2016

### Ibn Rochd High School

BACHELOR'S DEGREE IN MATHEMATICS 2014

Chebba, Mahdia, Tunisia

SEP. 2010 - JUNE. 2014

## Skills

<b>Programming</b>	Java, C/C++, C#, Python, Javascript, Typescript
<b>Backend</b>	Spring Boot, Spring Data, NodeJs, ExpressJs
<b>Frontend</b>	Angular, JSF, Pug, HTML5, CSS
<b>Database</b>	MySQL, Postgres, SQLite
<b>DevOps</b>	Jenkins, Docker, Docker Compose, Gitlab CI
<b>Operating System</b>	Windows, Linux(OpenSuse, Ubuntu)
<b>Servers</b>	Tomcat, NGINX
<b>Languages</b>	Arabic(Native), English(intermediate), French(conversational), Dutch(beginner)

## Experience

### Eonics

FULL STACK SOFTWARE ENGINEER

The Hague, Netherlands

MAR. 2019 - APR. 2020

- Led a team of 10 multi-level developers(interns, part-time and full-time) on a RPA(Robotic Process Automation) web application project.
- Designed and developed the backend, the frontend and the tools that insure the work scheduling of the running bots.
- Done several DevOps tasks such as writing Jenkins Multi-branch Pipelines, writing Gitlab-CI pipelines, and fixing continuous delivery tools.
- **Techs:** Spring Boot, PostgresSQL, Angular, NodeJs, Protractor, Git, Docker, Docker Compose, Jenkins, Gitlab, HyperDev

### Open-source Project

PERSONAL WEBSITE

Sousse, Tunisia

OCT. 2018 - NOV. 2019

- Designed and developed a web application for dynamically presenting a personal CV/Resume.
- **Techs:** NodeJS, ExpressJS, MongoDB, Git, Jenkins, CI/CD.

### Sagemcom

GEO-LOCATION OF GATEWAYS

Tunis, Tunisia

JUL. 2017 - AUG. 2017

- Designed and developed a web application that presents a huge number of Gateways as markers and clusters on a geographic map.
- **Techs:** Spring Boot, Elasticsearch, Angular, Leaflet, TileServer-GL.

## Extracurricular activities

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### ACM ENISo Club

PRESIDENT FROM 2016 TO 2018

- Train club members in competitive programming.
- Prepare for regional and national competitions.
- Participate in several programming competitions.

*Sousse, Tunisia*

*SEP. 2016 - JUN. 2018*

## Achievements

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### INTERNATIONAL

2018 **Finalist**, ACM Arab Collegiate Programming Contest - ACPC 2018

*Sharm El Sheikh,  
Egypt*

### NATIONAL

2018 **Finalist**, ACM Tunisien Collegiate Programming Contest - TCPC 2018

*Sousse, Tunisia*

2017 **Finalist**, ACM Tunisien Collegiate Programming Contest - TCPC 2017

*Tunis, Tunisia*

2018 **1st place**, ACM Sousse Collegiate Programming Contest - SoCPC 2018

*Sousse, Tunisia*

2017 **3rd place**, ACM Sousse Collegiate Programming Contest - SoCPC 2017

*Sousse, Tunisia*

2018 **3rd place**, ACM Sfax Collegiate Programming Contest - SfaxCPC 2018

*Sfax, Tunisia*

2018 **1st place**, Summer Robot 4 - Coding Hackathon

*Nabeul, Tunisia*

2018 **4th place**, Chackathon « Carthage Hackathon » - Coding Hackathon

*Tunis, Tunisia*

2018 **3rd place(Tunisia)**, Google Hash Code - Online Qualification Round 2018

*Sousse, Tunisia*

2020 **4th place(Tunisia)**, Google Hash Code - Online Qualification Round 2020

*The Hague,  
Netherlands*

2018 **8th place(Tunisia)**, IEEEEXTREME 12.0 - 24H Programming Contest

*Sousse, Tunisia*

2018 **1st place**, ENIMROBOT 4 - All Terrain Robot

*Monastir, Tunisia*

2018 **3rd place**, TUNIROBOTS - 24H Challenge

*Tunis, Tunisia*

## Committees

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2018 **Organizer**, ACM Tunisian Collegiate Programming Contest - TCPC 2018

*Tunisia*

2018 **Organizer**, ACM Sousse Collegiate Programming Contest - SoCPC 2018

*Tunisia*

2017 **Organizer**, ACM Sousse Collegiate Programming Contest - SoCPC 2017

*Tunisia*