Ikdem Ben Mbarek

Computer Engineer

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in in/ikdembenmbarek/

Skills

Programming - TypeScript, Java, Go
Web - HTML, CSS, JS, Ajax, Bootstrap
Java - JEE, Spring Boot, MVC, Security
JavaScript - Angular, Node, Express, Mongoose, ReactJS, Redux, Ngrx
Mobile - Android Studio, Ionic
DB - MySQL, MongoDB, SQLite
Deployment - Heroku
Methodologies - SCRUM, XP, Kanban
Data Modeling - XML, JSON, Yaml
Blockchain - Ethereum, Hyperledger Fabric, Solidity, Web3, Ganache
Other - Latex, Git, npm, Shell Scripting
Content Creation - Adobe Photoshop, Illustrator, Premiere, Canva, Office
Languages - Arabic (Native), English (Fluent), French (Fluent), German (Academic)

Social Activities

AIESEC in Tunisia - Head of Public Relations, Virtual Expansion Manager
AIESEC in Lebanon - Graphic Designer
Software Freedom Club - ER Manager
Hult Prize UTM - Competitor, Media and PR Manager, Campus Director (Top 20 worldwide twice)
Hult Prize Foundation - Competitor at Oslo Regionals, Staff Member at the Global Accelerator, Mentor and Community Builder in Tunisia
TEDx Jendouba Ville - Speaker
Erasmus+ Stand against FGM Project - Participant (London)

Education

2016 - 2019 **Software Engineering Degree**   University of Tunis el Manar, TUNISIA

2014 - 2016 **Preparatory Cycle for Engineering studies**   Preparatory School for Engineering studies in Monastir, TUNISIA

Experience

Feb 2019 - Jun 2019 **FullStack/Blockchain Internship**   Talan Consulting Tunisia
Conception and Development of a Dapp (Decentralised Application) for Energy Trading with MEAN Stack and Ethereum
- Attend a 6 weeks Blockchain Bootcamp to master Blockchain implementations (Ethereum, Hyperledger Fabric, Corda)
- Develop a SC (Smart Contract) for Tokens' generation and exchange with Solidity and implement it in a MEAN application
- **Environment**: Git, Ethereum, Web3, Mongo, Node, Express, Angular

Oct 2018 - Nov 2018 **IT Consultant**   H-Corp
Work as a part-time consultant to prospect IT Projects for H-Corp
- Help in the Exposition of multiple clients through augmented reality
- Develop a quiz Android Application for a Client Products'promotion

Jul 2018 - Aug 2018 **FullStack/Blockchain Internship**   Talan Consulting Tunisia
Building a web application to manipulate an Ethereum Network :
- Creating and manupilating an Ethereum Network with Geth CLI
- Manipulating the Network with web3j and Spring Boot
- Created a user interface with Angular and RESTful API
- **Environment**: Git, Ethereum, Web3, SpringBoot, Angular, MongoDB

Sep 2019 - Oct 2019 **Internship**   IFES Tunisia
Working with one of the biggest organizations to support in various tasks in the Elections period in Tunisia:
- Graphic Design: Designing the Material needed for the Elections
- Event Planning: International Democracy Day (IDD) hosting more than 600 delegates with numerous Ambassadors and Public Figures
- Working as an observant in the Tunisian Elections

Jul 2020 - Now **Technical Mentor**   ReBootKamp Tunisia
Leading a team of instructors to mentor students to learn fullstack JS
- Preparing the material from HackReactor's and Galvanize's
- Delivering Lectures about (OOP, Functional Programming, Asynchronous JS, Databases, Web, ReactJS, Angular, Node, Express)
- Reviewing Students' code and delivering live code solutions

Projects

Mar 2019 **Quiz Android Application**   Adwiya
Building a quizz application to promote Adiwya's products
- Generate an attractive output as described by the customer
- Integrate Firebase Database to record the players' data
- Run the Application on the big vertical Exposition Screen
- **Environment**: Android Studio, XML, JAVA, Firebase

Aug 2019 - Dec 2019 **MarketPlace for Gift Boxes**   Boo
Full Conception and Development of a customized web application
- Creating Special Dashboards for both Admin and Partners
- Satisfying the customer needs (Mailing system, Auto-generated codes for orders, Online Payment, Notifications System, Security)
- Creating a highly customized User Interface for the customers
- **Environment**: Git, Spring Boot, MySQL, Angular, Bootstrap, REST