

Curriculum vitae

Personal data

Name: Mohamed M.

Technical Knowledge and Skills

Javascript, Node.js



Mohamed found his passion in Computer Science as a Software Engineer. He has over 4 years of experience working on various projects as a Backend and Fullstack Developer. Mohamed is very passionate about anything related to System Design, Distributed Systems, Design Patterns, and Clean Code. He is open to learning anything new and love connecting new people.

Education

September 2011 —
July 2016

Egypt
Bachelor's degree in Civil Engineering, Mansoura University

Work experience

September 2021 -
Present

Technology, Information and Internet company, Remote
Fullstack Software Engineer

Stack:

- Node.js
- Nest.js
- Angular
- Ionic
- MongoDB

Responsibilities:



- Developed new features for Bookandine in the API, website, and mobile (Android and IOS).
- Maintained understanding of new technologies like Angular and Ionic through continuing education.
- Built RESTful APIs using Node.js (Nest.js) that served data to the client side.
- Integrated APIs using Angular in front-end and Ionic in mobile based on dynamically chosen user inputs.
- Defined and maintained MongoDB database to deliver responsiveness to client requests.
- Integrated third-party APIs like Payfort and Firebase into APIs.

January 2018 -
September 2021

Software development company, Egypt
Fullstack Software Engineer

Stack:

- Node.js
- Nest.js
- Express.js
- GraphQL
- Vue.js
- Nuxt.js
- MongoDB
- PostgreSQL
- Jest

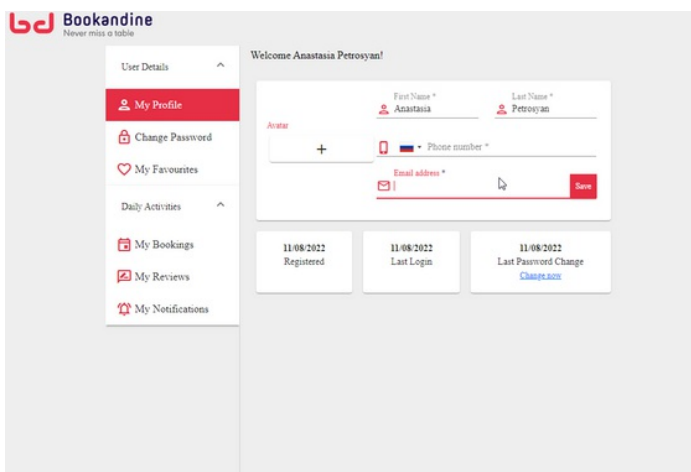
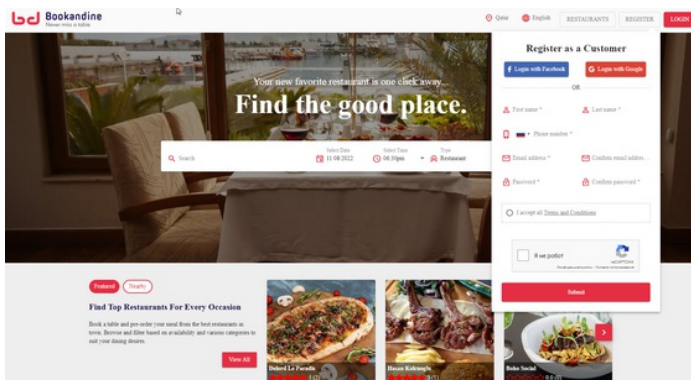
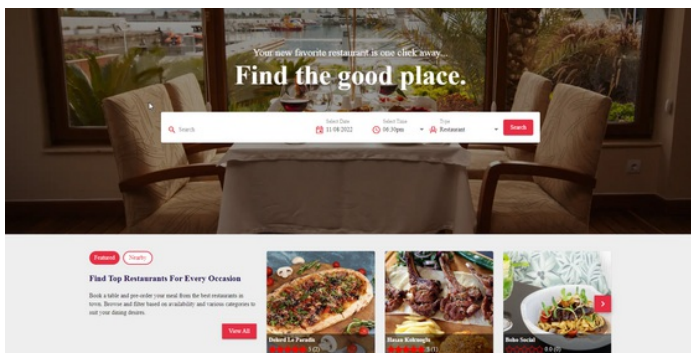
Responsibilities:

- Developed live projects like Kemitt, Ektesad, Estshara (10k downloads), Tmeny (50k downloads).
- Built RESTful and GraphQL APIs using Node.js (Nest.js or Express.js) that served data to the client side.
- Integrated these APIs into websites and dashboards using Vue.js (Nuxt.js).
- Defined and maintained MongoDB and PostgreSQL databases to deliver responsiveness to client requests.
- Redeveloped legacy projects to improve performance.
- Integrated third-party APIs (Twilio, Agora, Firebase, Google Maps, AWS SNS, many payment gateways) into APIs.
- Developed many features like voice call, video call,

real-time chat, and online payment.

- Wrote 500+ integration and unit tests using Jest to verify the functionality of the back-end processing and database interactions.
- Worked with customers to define requirements and troubleshoot issues.

Portfolio



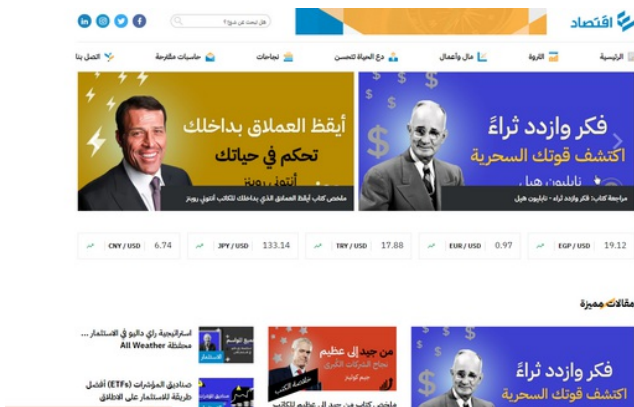
Booking service / Web app

September 2021 - September 2022

It is the web app for restaurants to attract clients and for people to book a table in a restaurant. You can choose a restaurant, select a date/time and book a table/ VIP room / Birthday room. There are two kinds of admin panels: for restaurants and for customers. The app is integrated with different payment systems.

Technologies used:

Node.js, Angular, MongoDB



News portal/ Web app

December 2017 - August 2021

It is the news portal where you can read different articles in different categories. There is a dashboard for admin to upload articles and manage categories. I developed this project from scratch and did all back-end part.

Technologies used:

Node.js, Express.js, GraphQL, Vue.js, MongoDB, PostgreSQL