

# Ahmed bel haj boubaker

[Ahmed-belhajboubaker.com](https://ahmed-belhajboubaker.com) / [LinkedIn](#) / [GitHub](#)

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## SOFTWARE ENGINEERING STUDENT

Looking for a summer internship involving nodeJS. Interested in use Docker, Kubernetes and CI/CD pipelines. Open to international opportunities, motivated to provide solutions innovative. Let's collaborate on a remarkable project!

## EDUCATION

Esprit ( Private Higher School of Engineering and Technologie)  
Software engineering student

Ariana Soghra ,Ariana,Tunisia  
Sep 2020- June 2025

## TECHNICAL SKILLS

**Languages** : JAVA, PHP, C, JavaScript, C++  
**Frameworks** : SpringBoot, Symfony, Angular, ExpressJs  
**Library** : socket.io, mongoose, axios , bcrypt.js, Passport.js  
**DataBase** : MySQL, MongoDB , PostgreSQL  
**Version Control** : Git  
**Architecture** : Microservices Architecture, Monolithic Architecture ,MVC  
**DevOps tools** : Docker, Kubernetes  
**Dev tools** : Visual Studio Code, IntelliJ, GitHub, GitLab

## EXPERIENCE

**nodeJS intern**  
AfterCode

June 2023 – September 2023  
Nabeul , Tunisia

- Build, deploy, and scale an Microservice app .
- Designed and implemented database schemas and queries for MySQL and MongoDB.
- Utilized Agile methodologies for project management and collaborated with cross-functional teams to deliver high-quality software products
- Actively participated in sprint planning, daily stand-ups, and retrospective meetings
- Technologies: Node, React, Docker and Kubernetes

**FullstackJS intern**  
Esprit

June 2022 – July 2023  
Nabeul, tunisia

- Collaboration and Document Management with Nest.js and React.js
- I have extensive experience implementing collaboration and document management features in web applications. Leveraging the powerful backend capabilities of Nest.js with the dynamic front-end capabilities of React.js, I have successfully delivered robust solutions for collaborative document management systems.
- Technologies: NestJS , reactJs, MongoDB, Github ,Git, Docker, Jenkins , nexus ,SonarQube, Grafana

## PROJECTS

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### Project 1: ( February 2024 – March 2024 )

#### Real-Time Chat Application Development:

Proficient in React.js and Node.js, I've designed and built real-time chat applications that enable seamless communication among users. Leveraging WebSocket integration and secure authentication mechanisms, I developed dynamic user interfaces with features such as message persistence, chat room management, and cross-platform compatibility. These applications have enhanced collaboration and connectivity, showcasing my ability to deliver robust solutions for real-time communication needs.

Technologies : *nodeJS, ReactJS, mongodb, socket.io, javascript, Git*

### Project 2: ( June 2023)

#### User Authentication Development:

Experienced in developing user authentication systems using React.js and Node.js, I have implemented secure login, registration, and session management functionalities. Leveraging JSON Web Tokens (JWT) and encryption techniques, I ensured secure authentication and authorization for users. Integrating with databases like MongoDB, I developed robust user management features, including profile customization and password recovery. My expertise in user authentication contributes to the creation of secure and user-friendly web applications.

Technologies : *nodeJs,mongodb,Git*

### Project 3: ( July 2023 – September 2023 )

#### eCommerce Development:

Experienced in developing eCommerce solutions using Node.js, Jenkins, and Docker, I've led the creation of robust and scalable online stores. Leveraging the backend capabilities of Node.js, I implemented features such as product catalog management, user authentication, and order processing. With Jenkins, I established automated CI/CD pipelines to ensure seamless integration and deployment of code changes. Utilizing Docker for containerization, I orchestrated the deployment of eCommerce applications, ensuring consistency across development, testing, and production environments. These projects demonstrate my proficiency in leveraging Node.js, Jenkins, and Docker to deliver reliable and scalable eCommerce solutions.

Technologies : **NodeJs , mongodb, docker, Jenkins**

### Project 4 : (In Progress)

#### *social Media Application Development:*

*Proficient in Node.js, Jenkins, and Docker, I've spearheaded the development of social media applications that offer scalable and reliable platforms for users to connect and engage. Leveraging Node.js for backend development, I architected and implemented RESTful APIs, user authentication, and data management functionalities. Employing Jenkins for continuous integration and Docker for containerization, I streamlined the deployment process, ensuring seamless updates and scalability. These applications have facilitated user interaction and community building, underscoring my expertise in developing robust and scalable solutions for social media platforms.*

Technologies : **NodeJs , mongodb, docker, Jenkins**