# Benzarti Mohamed Neji

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## Profile

I am a computer science engineering student seeking for a final year project internship (PFE)

## Education

**ESPRIT** Computer Science Engineering                                        Sept 2020 – June 2025

## Professional Experience

**GAT Assurance**, **Tunisia**  Junior Insurance Agent                        Aug 2024 – Present
- Assist clients with the subscription and management of insurance policies (auto, health, etc.)
- Maintaining accurate records of client interactions and transactions.

**IPACT Consult Inc., Montréal, Québec, Canada**, Full Stack Developer Intern        Juin 2024 – Aug 2024
- Developed robust web applications
- Utilized Spring Boot and AngularJS for development.
- Conducted unit testing with JUnit and integration testing to ensure code reliability.

**IPACT Consult Inc., Montréal, Québec, Canada**, PIDEV Project               Feb 2024 - May 2024
- Developed an E-Learning platform using Angular, MongoDB, and Spring Boot
- Conducted data mining to analyze course trends and predict student profiles.
- Automated quiz generation and implemented candidate-test matching algorithms

## Academic Projects

**DevOps Project**
- Utilized Jenkins for CI/CD automation, integrated with Kubernetes and Docker for container orchestration and deployment.
- Applied SonarQube for static code analysis, Jacoco for code coverage, and Trivy for security scanning.
- Enabled secure tunneling and local testing using Ngrok.
- Enhanced monitoring and alerting systems with Prometheus and Grafana.
- Improved the testing environment using JUnit and Mockito.

**Microservices Migration Project**
- Integrated Keycloak for centralized authentication and authorization.
- Containerized services using Docker for isolated environments.

**Mobile Application for healthcare field "Sante Connect"**
- Designed a user-friendly dashboard displaying healthcare statistics and options.
- Implemented an integrated rating system for patients feedback and mailing functionalities.
- Added advanced features like speech recognition and dark/light mode for accessibility.

**PIDEV Project: a multi-platform pet insurance**
- Combined Symfony (web), JavaFX (desktop), and Codename One (mobile) for development.

## Skills

- **Programming:** Java, C, Python, C#.
- **Backend Development:** Spring Boot, .NET , PHP, Symfony.
- **Frontend Technologies:** Angular, JavaScript (ES6+), HTML5, CSS3.
- **Mobile Development:** Java (Android).
- **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB).
- **DevOps:** Jenkins, Docker, Kubernetes, Ngrok, Prometheus, Grafana, SonarQube, Trivy, Nexus
- **Testing:** JUnit, Mockito
- **Tools:** GitHub, Docker, Jira, Git, Maven, Figma, Socket.io.
- **Big data Tools:** Hadoop, MapReduce, Pig, Hive, Spark

## Certificates

CCNA: Switching, Routing, and Wireless Essentials