Bilel **Chniti**
Software Architecture Engineer

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Bilel Chniti 🎧&in

Results-driven IT Engineer with proven experience in managing and optimizing IT systems to ensure reliability, security, and performance. Skilled in solving complex technical issues, improving infrastructure efficiency, and supporting digital transformation through innovative and cost-effective solutions.

Experience

Freelance — Software Architecture Engineer (Remote), Veepee | Paris, France   2022 – Oct 2025
- Contributed to the design and maintenance of secure IT systems supporting global operations.
- Assisted in improving network reliability and data security through structured testing and monitoring.
- Supported system documentation and performance analysis to enhance operational efficiency.

Software engineer — "FindMe" ESN recruitement Platform – DPC (Digital Power Consulting) |Tunisia   Jan 2025 – Oct 2025
- <u>Technologies :</u> Angular, Spring Boot, Microservices, Spring Security, Python, PostgreSQL, WebSocket, Docker, GitLab CI/CD, Kubernetes, ArgoCD, Prometheus, Grafana.
- ESN–talent matching platform with Spring Boot microservices and an Angular 17 front-end secured by Spring Security.
- NLP-based recommendation engine (cosine similarity) for profile matching.
- Real-time messaging (WebSocket).
- GitLab CI/CD, GitOps deployments via ArgoCD on Kubernetes, and Prometheus/Grafana observability.

Software Engineer — LabSoft | Tunis, Tunisia   Feb 2023 – Jan 2025
<u>Stack :</u> Spring Boot (microservices), Angular 17, Spring Security (OAuth2/Keycloak), PostgreSQL, Docker, Kubernetes, GitLab CI/CD, ArgoCD, WebSocket, SonarQube, Prometheus, Grafana
- **Architecture & delivery** : domain-driven microservices, strict REST contracts, service discovery & centralized config.
- **High-performance Front-end:** Angular design system (standalone, RxJS push, lazy loading) → −35% TTI on critical views.
- **Application Security:** Spring Security + OAuth2/OIDC (Keycloak), JWT.
- **CI/CD & GitOps:** GitLab pipelines (build, unit/integration tests, quality gates, signed Docker images) and ArgoCD deployments
- **Observability:** Prometheus metrics (tech & business), Grafana dashboards, distributed tracing→ −40% incident diagnosis time.
- **Real Time** : WebSocket/SSE for notifications & messaging.

Software Engineer – OpsConnect: Intelligent Complaint Management Platform, AirbusAtlantic | Tunisia   Jan 2021 – June 2021
- <u>Technologies :</u> Spring Boot, Angular, Python, REST APIs, PostgreSQL
- Designed and developed a web-based platform to centralize and manage internal employee complaints
- Built real-time dashboards for status tracking and improved visibility across departments
- Automated operational responses, including product deliveries and interdepartmental workflows
- Integrated a Python-based AI module to detect recurring issues and recommend resolution strategies

Education

National Engineering Degree in Software Engineering   2022 – 2025
ESPRIT – Private Higher School of Engineering and Technology, Tunisia

National Degree in Software Engineering   2019 – 2022
Higher Institute of Technological Studies of El Kef, Tunisia

Skills

Soft Skills
- Problem-solving, teamwork, communication, time management, adaptability.

Technical Skills
- **Programming languages :** Java, TypeScript, Python, C, JavaScript, HTML, CSS; Spring Boot (Web, Data, Security, Cloud), Spring Security (OAuth2/OIDC, JWT), Angular 17, RxJS, NgRx (if relevant), REST APIs, OpenAPI/Swagger.
- **Databases: :** PostgreSQL, MySQL, MongoDB, Oracle, SQL Server.
- **DevOps & Tools :** GitLab CI/CD, Docker, Kubernetes, ArgoCD (GitOps), SonarQube, Prometheus, Grafana.
- **Security:** Spring Security, OAuth2/Keycloak; (JWT listed in experience).

Languages

Arabic (native) • English (B2) • French (B2) • German (B1, ÖSD) • Spanish (A1)