



# Nasreddine El Ghzaoui

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## ABOUT ME

Frontend & Mobile Engineer with 6+ years of experience, and growing exposure to full-stack development. Delivered robust web and mobile apps in critical environments (healthcare, finance, public sector – internal and citizen-facing). Strong focus on performance, accessibility, security, and backend collaboration.

## SKILLS

### Frontend

Angular / Ionic / Capacitor / PWA / NgRx / TypeScript / HTML5, CSS/SASS / JavaScript / Jest / Cypress / Bootstrap / TailwindCSS

### Backend

Java / NestJS / REST / GraphQL / Firebase / SQL / MongoDB / Node.js

### Best Practices & Methodologies

Agile (Scrum) / Clean Code / Monorepo / Continuous Integration / SOLID / NX / Micro-frontend architecture / Web Security (SSO, CAS, XSS, CSRF, Session Handling) / CI/CD (GitLab, Jenkins, Sonar) / BPMN 2.0 / UML

### Mobile & Accessibility

Mobile First / Responsive Design / WCAG 2.1 / Figma

## WORK EXPERIENCE

**CESI** – Brussels, Belgium

City: Brussels | Country: Belgium

### Senior Frontend Developer

[ 10/04/2024 – 31/12/2024 ]

**Delivered a secure, production-grade Angular 17 web application** enabling employees to manage medical appointments, health records, and training. Designed as a self-service platform, it significantly reduced administrative workload and improved overall user experience.

#### Key achievements:

- Developed the entire frontend from scratch based on **Figma designs**, following a **mobile-first** and **WCAG 2.1-compliant** approach.
- Integrated **ItsMe authentication** and implemented **Firebase push notifications**, making the app **installable as a PWA**.
- Designed and maintained a **reusable Design System**, later adopted across multiple internal projects.
- Led **frontend-backend integration**, co-defining API contracts and adapting quickly to scope changes.
- Set up **CI/CD pipelines** using **GitLab** and **Azure DevOps**, including automated testing and deployment workflows.

**PROXIMUS** – Brussels, Belgium

City: Brussels | Country: Belgium

### Frontend Developer


[ 10/10/2020 – 05/04/2024 ]

**Worked on Angular-based internal applications** allowing enterprise clients to autonomously manage employees' mobile subscriptions (activation, modification, termination). These tools significantly reduced support workload and improved operational scalability.

Operated within a **multicultural team**, collaborating with colleagues from diverse cultural backgrounds. All communication—meetings, documentation, and code—was conducted **exclusively in English**.

**Key contributions:**

- Maintained and modernized business-critical applications to align with evolving requirements.
- Integrated UI features into a **central Design System**, ensuring consistency across projects.
- Contributed to a **shared component library**, streamlining development across frontend teams.
- Wrote **unit and e2e tests** using **Jest** and **Cypress**; enforced quality via **code reviews** and **SonarQube**.
- Collaborated closely with backend teams using **REST** and **GraphQL** (via Swagger and Playground).
- Participated in **Agile Scrum** workflows with regular hotfixes and structured release cycles.
- Contributed to **documentation** and team onboarding to support long-term maintainability.

 **MAINSYS** – Brussels, Belgium

City: Brussels | Country: Belgium

**Full Stack Developer**

[ 05/01/2019 – 05/10/2020 ]

**Worked on the modernization of mobile banking applications** for high-end private banks such as Rothschild Martin & Maurel and Nagelmackers, enabling clients to securely manage accounts, perform transactions, and access personalized services.

**Key contributions:**

- Migrated legacy applications to **ionic 4 / Angular 8**, significantly enhancing performance and user experience.
- Customized shared core features to deliver **bank-specific versions**, aligning with individual branding and business requirements.
- Helped build and maintain a **shared framework**, streamlining delivery and support across multiple banking clients.
- Integrated third-party SDKs (authentication, payment providers, analytics) to meet banking compliance and UX needs
- Assisted with backend development tasks (**Java**) and updated legacy **Servlets** to ensure compatibility with the new frontend architecture.

 **ADDVALS** – Brussels

City: Brussels

**Intern Mobile Developer**

[ 01/02/2018 – 30/06/2018 ]

Redesigned a desktop security application for mobile as part of an R&D initiative. Delivered a working prototype using Ionic/ Cordova and conducted a comparative study of hybrid frameworks (Ionic, React Native, Xamarin).

This internship directly led to my recruitment at Mainsys as a hybrid mobile developer.

**EDUCATION AND TRAINING**

**Bachelor in Basic Science Computing**

**HELB ILYA PRIGOGINE** [ 01/09/2014 – 01/08/2018 ]

City: Brussels | Country: Belgium | Level in EQF: EQF level 6

**LANGUAGE SKILLS**

**Mother tongue(s):** French

**Other language(s):**

**English**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*