

# AHMED BEN YAHIA

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## PROFESSIONAL SUMMARY

**Full Stack Web Developer** with hands-on experience designing, developing, and deploying high-performance, scalable web applications using **Next.js, Nest.js, Spring Boot, and MERN stack**. Proven track record in delivering secure, user-friendly platforms with **authentication, dashboards, AI integrations, payment systems, and responsive design**. Seeking a **Junior/Mid-Level Full Stack Developer** role to leverage technical expertise, collaborate in Agile environments, and drive business value.

## EDUCATION

<b>Bachelor of Computer Science (Big Data)</b>	2022-2025 Higher Institute of Computer Science and Multimedia, Sfax, Tunisia
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## TECHNICAL SKILLS

<b>Programming Languages</b>	JavaScript, TypeScript, Java
<b>Frontend</b>	React.js, Next.js, Tailwind CSS, HTML5, CSS3, Material-UI, shadcn-ui
<b>Backend</b>	Nest.js, Spring Boot, Express.js
<b>Databases</b>	MongoDB, MySQL, PostgreSQL
<b>DevOps</b>	Docker, Git, GitHub Actions, CI/CD pipelines
<b>AI/Automation</b>	OpenAI API, Large Language Models (LLMs), AI-assisted development

## PROFESSIONAL EXPERIENCE

<b>Full Stack Developer (MERN Stack)</b>	February 2025 – May 2025
Aziin Engineering Solutions	<i>Hybrid, Sfax, Tunisia</i>

- Led development of a full-featured **e-learning platform** with live video sessions, real-time chat, file sharing, AI-assisted modules, and adaptive learning paths, improving engagement by 35%.
- Implemented secure authentication and **role-based access control (JWT/OAuth2)**, ensuring compliance and data protection.
- Integrated **Stripe payment gateway** and subscription management, .
- Built AI-powered exam generator with auto-grading and certification features, reducing manual grading time by 40%.
- Designed interactive **admin dashboards** with analytics, KPI monitoring, and real-time reports.
- Optimized platform performance using caching, lazy loading.

<b>Full Stack Developer (Next.js MongoDB)</b>	July 2024 – August 2024
Grow Up Agency	<i>Remote</i>

- Developed CRUD functionalities and secure authentication for patients, doctors, and consultations, improving operational efficiency by 30%.
- Implemented automated **email notifications and reminders** using Node.js backend and SMTP integration.
- Built real-time performance dashboards with charting libraries and analytics tools.
- Followed Agile methodology, participated in daily standups, and used Git workflow for version control.

<b>Front-End Developer (React.js)</b>	July 2023 – August 2023
Novel-Ti	<i>Sfax, Tunisia</i>

- Designed an intuitive, responsive UI for an **NFC-based traceability system**, enhancing product authenticity tracking.
- Improved front-end performance and accessibility, reducing page load times by 20%.
- Collaborated with backend developers and integrated APIs, ensuring seamless end-to-end functionality.

## PROJECTS

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### Postily – AI-Powered Social Media Platform

*Personal Project*

Developed an AI-driven platform for content creation and scheduling with analytics dashboards and automated posting. **Tech:** Next.js, MongoDB, Tailwind CSS, OpenAI API.

**Impact:** Streamlined social media management and improved content performance tracking.

### APIForge – Drag Drop API Builder

*Personal Project*

Built a visual API builder with AI-assisted code generation supporting auto-generated routes, database integration, and API documentation. **Tech:** Next.js, Node.js, Prisma.

**Impact:** Reduced API development time and enhanced developer productivity.

### Scenewear – E-Commerce Platform

*Personal Project*

Developed full-stack e-commerce site with inventory, orders, payment integration, and secure authentication.

**Tech:** Next.js, Spring Boot, PostgreSQL.

**Impact:** Enabled secure and efficient online transactions for users.

### Cryptocurrency Trading UI

*Personal Project*

Developed responsive UI for crypto trading platform with integrated chat and real-time updates. **Tech:** Next.js.

*Impact:* Enhanced trader experience with intuitive interface.

### VS Code Portfolio

*Personal Project*

Created a developer portfolio mimicking VS Code interface to showcase projects and skills. **Tech:** Next.js.

**Impact:** Unique, engaging portfolio highlighting technical creativity.

## LANGUAGES

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- English: Fluent
- French: Fluent
- Arabic: Native