Gatta Ba

Software Engineer · Full-Stack & DevSecOps

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Security-minded full-stack developer, apprentice at Gonexa since 2024, where I am now also in charge of operational security. Former EPITA engineering student, now completing a master's-level cybersecurity degree at Oteria (August 2027) and looking for a full-time software engineer role from September 2027.

Experience

Gonexa, Lyon, France (hybrid) · Salesforce document and e-signature apps, 200+ clients · Vue.js, C#/.NET, Apex, Azure

Full-Stack Developer & Operational Security Lead (Apprenticeship) — Jun 2026 – Present

- Contributed to the company's ISO 27001 certification (obtained) by writing security policies, including access management.
- Hardened workstations with Microsoft Intune (lock, USB and browser policies) and set up Microsoft Entra conditional access.
- Audited the APIs (OWASP Top 10) and the Azure infrastructure (11 apps, 31 data resources), then designed a tiered target architecture: no-cost fixes, WAF, private network, centralized logging.
- Set the company's AI usage rules and trained 15 employees on AI risks, good practices and GDPR.
- Maintained Gonexa Sign, the Salesforce-integrated e-signature app: status updates and mobile signing flow.

Full-Stack Developer (Apprenticeship) — Aug 2024 – May 2026

- Optimized the preview of documents to sign in Gonexa Sign: 4x faster (20 s → 5 s) through parallel back-end API calls.
- Developed a signature log explorer for support: search, filters and server-side pagination on Azure Cosmos DB.
- Integrated Yousign advanced and qualified e-signatures (eIDAS) into Gonexa Sign and adapted the signing flow to mobile.
- Built a per-client branding system (logo, colors), from the interface down to the Azure SQL database.

Software Engineering Intern — Apr 2024 – Jul 2024

- Designed and developed the customer support admin app, from Figma mockups to production.

Cadrata, Paris, France · creative technology studio building websites for artists and independent businesses

Co-Founder & Lead Developer — Aug 2024 – Present

- Designed and delivered 4 client websites, from scoping to launch: ndjolijean.com, taiyegodbody.com, chezboudou.fr, zienezieneziene.com (Next.js, Nuxt, TypeScript).
- Overhauled and secured an art director's website: migrated it from Nuxt 3 to Nuxt 4, fixed all 203 known vulnerabilities in its dependencies and made it nearly 3 times lighter (50 MB → 18 MB).
- Developed a 3D portfolio (React, Three.js) for a New York photographer working for Vogue, Disney and Adidas, mobile-optimized.
- Set up the security CI of the studio's website (GitHub Actions): Gitleaks secret detection and Grype dependency scans blocking high-severity issues.

Spark, Lyon, France · student developer collective at Université Lyon 1

Co-Founder & Developer — Apr 2024 – Oct 2025

- Co-built Hosthis, a deployment platform that containerizes and publishes a Node.js project from GitHub (Docker). Contributed to the front end of The Suite, an open-source alternative to Notion.

Projects

All projects, including work in progress: gattaba.com

HackToolGether | *Next.js, TypeScript, Prisma, Socket.IO, Docker* — github.com/HackTool-Gether

Collaborative penetration testing platform (Oteria team project): role-based dashboard, report engine with attack chain editor, IoT and API audit templates (OWASP API Top 10).

WatchTower (in progress) | *Oteria R&D project, due July 2027* — gattaba.com

Self-hosted monitoring of a team's GitHub access (repositories, roles, admin rights, secrets) that flags anomalies: admin rights granted off-hours, inactive accounts, access not revoked after offboarding.

Skills

Languages: TypeScript, JavaScript, C#, Python, SQL, Apex, C
Frameworks & tools: React, Vue.js, Next.js, Nuxt, Node.js, Express, .NET, Three.js, Prisma, Playwright, SonarQube
Databases: PostgreSQL, MySQL, MongoDB, Azure SQL, Cosmos DB, Supabase
Cloud & DevOps: Azure, Azure DevOps, Linux, Docker, GitHub Actions, GitLab, Vercel
Security: ISO 27001, GDPR, OWASP Top 10, Microsoft Intune, Entra ID, Azure WAF, Gitleaks, Grype
Coursework & labs: Kubernetes, Defender for Endpoint, Wazuh, Prometheus, Grafana, Loki, OpenTelemetry
Spoken: French (native), English (fluent, C1), German (beginner)

Education

Oteria, Cybersecurity Expert, DevSecOps major — Feb 2026 – Aug 2027

Secure architecture and CI/CD, Kubernetes, IaC, PKI, source code audit, application risk management, Azure/AWS/GCP security policies

EPITA, Engineering program in Computer Science, admitted to 3rd year (16.8/20) — Sep 2025 – Feb 2026

Université Claude Bernard Lyon 1, Bachelor's degree in Computer Science (BUT Informatique) — Sep 2022 – Jul 2025