GABRYEL HENRIK GOMES DE BARROS

Target roles: Back-end Java Developer | Junior Full Stack Developer | Systems Analyst

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Portfolio: https://gabryeldev.duckdns.org

PROFESSIONAL SUMMARY

Computer Science student (Anhanguera, expected graduation 2026), with practical Java, Spring Boot, React and Next.js projects. Product Owner in an 8-person Scrum team developing Pão FresQUIM. Financial experience in a hospital, with physician payments, invoice solutions and process automation. Reduced the execution time of a routine from one month to 15 days. Uses n8n and Power Automate; experience with REST APIs, Hibernate/JPA, PostgreSQL, Git and OOP. Seeking a first software development opportunity.

PROFESSIONAL EXPERIENCE

Financial Assistant | Hospital UMC | 2025 – Present

- Finance and physician payment routines, supporting accounts payable and bank reconciliation. Manages the Tasy system (Bionexo, formerly Philips) within financial operations.
- Developed invoice solutions and automated processes, reducing the execution time of a routine from one month to 15 days.
- Prepared management reports and analyzed data to identify inconsistencies and improve financial processes.

Access Control Assistant | Callink | 2023 – 2025

- Unlocked user access, reset passwords and monitored errors, supporting incident resolution.
- Participated in incident management meetings, prepared reports for managers and improved internal processes.

Earlier experience

- Administrative Apprentice | Laudo Laboratório | Mar 2022 - Sep 2023: administrative process support.
- Stock Replenishment Apprentice | Havan | Feb 2021 - Jan 2022: stock replenishment and product organization.

DEVELOPMENT PROJECTS

Personal Portfolio | 2026

Next.js | React | TypeScript | Tailwind CSS | Linux | NGINX | Oracle Cloud | DuckDNS | HTTPS

- Built a responsive portfolio with light/dark themes, project galleries and accessible navigation. Preparing deployment on a free Oracle Cloud VM with DuckDNS and HTTPS.

Pão FresQUIM – Bakery Management Web System | 2026 – Present

Product Owner · 8-person Scrum · Java 21 · Spring Boot · Hibernate/JPA · Next.js 15 · React · Tailwind CSS · Axios · PostgreSQL (Supabase) · Swagger/OpenAPI · JWT

- Served as Product Owner: defined requirements, prioritized backlog, and validated sprint deliverables in Scrum.
- Architected full-stack solution and documented REST API with Swagger/OpenAPI 3.0, global exception handling, and standardized HTTP responses.
- Collaborates on the ongoing development of POS, customer credit, time tracking and reporting modules, with UML modeling.
- In progress: authentication and authorization with JWT and Spring Security.
  github.com/gabryelhgb/project-pao-fresquim

Student Registration CRUD System | 2023

Java · MySQL · JDBC · OOP

- Built a full CRUD application for student record management applying OOP, relational modeling, and Java–MySQL via JDBC.

Breakout Game in Java | 2024

Java · Concurrent Programming · Class Hierarchy · OOP

- Implemented Breakout in Java focused on concurrency, threads, synchronization, and OOP-driven collision logic and game loop.

Syntax Analyzer | 2024

Java · Compilers · Top-Down Parsing · Context-Free Grammars

- Built a top-down parser to validate grammatical expressions, applying compiler theory and context-free grammars.

EDUCATION

Bachelor's Degree in Computer Science | Faculdade Anhanguera – Uberlândia, MG | 2023 – 2026

- Practical projects with Java, C++, SQL, JavaScript, and agile methodologies (Scrum/Kanban).
- Relevant coursework: Data Structures, Databases, Software Engineering, Systems Analysis, OOP.

TECHNICAL SKILLS

Languages: Java · JavaScript · SQL · C++ · Python

Frameworks & Technologies: Java Swing · Spring Boot · Hibernate/JPA · Next.js 15 · React · Tailwind CSS · Axios · Swagger/OpenAPI · JWT · Spring Security

Databases: PostgreSQL · MySQL · Supabase · Relational Modeling · ER Modeling

Tools & Platforms: Git | GitHub | VS Code | Jira | OutSystems | Microsoft 365 | n8n | Power Automate

Concepts & Methodologies: OOP · REST API · CRUD · JDBC · Concurrent Programming · Compilers · Exception Handling · UML · Scrum · Kanban

ADDITIONAL SKILLS (ATS)

OOP | REST APIs | UML | Scrum | Kanban | Requirements analysis | Technical documentation | Collaboration | Problem solving