

Gregory NGUEKAM

Software Engineer

✉ gregorynguekam@yahoo.com

🏠 Paris

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Social networks

in LinkedIn

🐙 Github

Soft skills

Rigorous

Highly adaptable

Team player

Languages

English

Skills

Development & Testing

Javascript, Typescript, C#, JUnit, Jest, Cypress, Java/JEE, PHP, Python, Karma.

Développement methodologies

Agile (Scrum, Kanban), TDD, BDD, Clean code & architecture

Tools & Project Management

GitLab CI/CD, Jira, Docker, Maven, Confluence, Postman, Ansible, Kubernetes, Jenkins

Development Environment

Eclipse IDE, IntelliJ, VSCode, WebStorm, Visual Studio

Interests

Musique

Drums and acoustic guitar player for over 10 years.

Basketball

Member of the sports association of Mesnil-le-Roi

I am a motivated software engineer with solid experience in web and data-driven applications. Recently completed my final-year internship at Airbus Helicopters Training Academy, I am now seeking new challenges to deepen my expertise and contribute actively to ambitious projects.

Work experience

Software Engineer

From February 2025 to July 2025 Airbus Helicopters Marignane

Design and development of a web-based helicopter parts management application (*Workshop Tool*) for maintenance teams.

- Authored detailed functional and technical specifications aligned with operational requirements.
- Designed and implemented a **3-tier** architecture ensuring scalability and maintainability.
- Developed and secured **RESTful APIs** with role-based access control and JWT authentication.
- Set up a **GitLab CI/CD** pipeline automating unit tests and deployment on a RedHat Linux server.
- Collaborated with business stakeholders in an **Agile** environment to validate functional prototypes.
- Produced comprehensive **documentation** including a user guide and maintenance manual to support long-term sustainability.

Tech stack: Angular 17, Express.js, Node.js, Sequelize ORM, PostgreSQL, Jest, Karma, GitLab CI, Linux (RHEL).

R&D Engineer - Fullstack & Data

From March 2024 to August 2024

SOLIDARIS WALLONIE Frameries - Belgique

Designed and implemented an intelligent case-tracking platform combining web development and predictive analytics.

- Developed a full-stack web platform to monitor case processing times and display key performance indicators in real-time.
- Built a secure **microservices architecture** with REST APIs, JWT authentication, and SQL Server database.
- Trained and deployed deep learning classification models to predict case delays using historical data.
- Integrated predictive insights directly into the frontend dashboard through automated data pipelines.
- Worked closely with business analysts to refine KPIs and improve decision-making accuracy.
- Enhanced model accuracy by 18% through feature engineering and hyperparameter tuning.

Tech stack: React, Spring Boot, Microsoft SQL Server, Docker, Python, TensorFlow, Scikit-learn, GitLab CI/CD.

Education

Master's degree in Computer Engineering

From September 2020 to September 2025 3iL Ingénieurs Limoges

Robotics & AI module: ROS, computer vision, embedded systems, mobile robotics, introduction to AI.

Java & IoT module: Advanced Java development (Spring, Maven, JUnit, Hibernate, JEE architecture, JSF), connected systems integration, mobile app development with Flutter, IoT applications (Arduino).