

Gregory NGUEKAM

Software Engineer

✉ gregorynguekam@yahoo.com
🏡 Paris
📞 06 98 21 25 35

Social networks

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).