

Cyrille Hounvio

GitHub: <https://github.com/cyrille09>
Portfolio: <https://cyrillehounvio.com/>

Email: cyrisenahoun@gmail.com
Mob: 07943049514

Profile

Senior Software Engineer with over 8 years of experience in full-stack development, specializing in Node.js (Express, NestJS) for backend and React.js, Next.js for frontend. Proven track record in delivering scalable, high-performance applications across diverse industries including healthcare and music. Adept at leading development teams, architecting solutions, and driving continuous improvement in software development practices.

Technical Skills

- **Front-end Development:** Advanced proficiency in **React.js**, **Next.js**, **React Native**, **TypeScript**, **javascript**, **Python** and **Redux Toolkit**, with a strong focus on creating scalable and performant user interfaces
- **Back-end Development:** Extensive experience in **Node.js** development, including expertise in both Express and NestJS frameworks, to architect and maintain robust back-end services.
- **Databases:** Skilled in working with various databases such as **MongoDB**, **MySQL**, and **PostgreSQL**, with a focus on designing efficient schemas and optimizing database performance.
- **Languages:** Proficient in **JavaScript** (ES6+) and **Typescript**, utilizing modern language features to write clean, maintainable code.
- **Tools & Technologies:** Docker, Kubernetes,, Git, AWS, REST APIs, GraphQL, Microservices Architecture
- **DevOps & Cloud Technology:** Deep understanding and practical experience with **AWS** services (e.g., EC2, RDS, ECR, ECS, IAM, Route 53, S3, Lambda, API Gateway, SQS, ElastiCache, IoT, SNS, Load Balancing, CloudFormation, CloudWatch, Amplify, etc.), Docker, CircleCi, and GitHub Actions for building, deploying, and scaling cloud-based applications.
- **Testing & Quality Assurance:** Proficient in implementing automated testing, test-driven development (TDD), and continuous integration/continuous deployment (CI/CD) pipelines to ensure high code quality and reliability.
- **Agile Methodologies:** Experienced in **Agile** development methodologies, particularly Scrum, to deliver software iteratively and collaboratively within cross-functional teams.

Certification and Training

- Training on SQL Server.
- **Leadership Certificate (Lead to Succeed)**

- o Modules include: successful behavior for leaders, developing a positive culture, supervision, leading and managing the process of change, and leading and managing the inspection process.

Education

2017 – 2018 **University of East London**
MSc (Master) Data Science

2014 – 2017 **University of East London**
BSc (Hons) Computer Science

Employment History

April 2022 – Present **Software Engineer, Ambie, UK**

Ambie helps 2,000+ hospitality businesses to take control of their background music, creating brand consistency and positive guest experiences which drive sales.

- Designed and implemented a high-availability music streaming service backend using **Node.js** (Express and NestJs) with **typescript**.
- Architected and maintained backend services using **Node.js** (Express and NestJs) with typescript, integrating with **MongoDB** and **SQL** databases (MySQL and PostgreSQL).
- Integrated analytics and monitoring tools to track user behavior and system performance.
- Implemented and maintained continuous integration and deployment pipelines with **AWS Services**, gitHub actions and **CircleCi**, optimizing development workflows.
- Contributed to the in-house **UI library** to create a reusable component that saves hours of development.
- Developed a mobile app for clients with **React Native**.
- Led development team, providing mentorship and guidance to ensure project success.
- Collaborated with third-party organizations to identify and implement optimal solutions for the company.
- Collaborated closely with cross-functional teams to design and implement a user-friendly content management system with **React.js** and **Next.js**.
- Collaborated with product managers to translate business requirements into technical solutions.
- Spearheaded initiatives for real-time updates using **WebSockets** and developed automated test suites for comprehensive testing to validate API, back-end and Front-end components.
- Implemented containerization with Docker and AWS Fargate (ECR and ECS).

Feb 2021 – Feb 2022 **Software Developer, Doctaly, UK**

Doctaly Assist is a highly flexible Remote Patient Monitoring platform developed in collaboration with the NHS, patient groups and leading UK academic institutions, currently covering over two million patients in Southeast London with a range of Long-Term Conditions.

- Developed backend services using **Node.js** (Express), integrating with **MongoDB** and **PostgreSQL** databases.
- Implemented RESTful APIs and collaborated with backend teams to deliver robust solutions.
- Collaborated with cross-functional teams, including designers, product managers, and QA engineers.
- Implemented new features into an existing project that was built with **React.js**
- Took initiative to implement new features into an existing project built with **React.js**, demonstrating proactive problem-solving and a commitment to continuous improvement.
- Led feature implementations in **React** and facilitated collaboration across cross-functional teams to ensure alignment with project goals and user requirements.

Mar 2016 – Feb 2021 Software Developer, Johnson Care Group, UK

Johnson Care Group provides residents with a comfortable, safe, and supportive environment where they can receive the care and assistance they need to maintain their independence and quality of life.

- Developed and maintained **Digital care planning** and **content management system (CMS)** using **React.js**, **MongoDB** and **PostgreSQL**.
- Implemented and maintained digital daily care records, mentored junior developers, and collaborated on RESTful API implementations using **Node.js**.
- Developed and maintained a mobile app with **React Native** that is used for viewing Rota's, booking annual leaves, requesting a specific day off, etc...
- Took charge of developing and maintaining a mobile application with **React Native**, empowering users to manage their schedules and requests seamlessly.

INTEREST

Stay up to date with the latest advancements in technology. Play drum, football and enjoy listening to music