+355 (0) 69 672 6810
geraldgnika@gmail.com

# Gerald Nika
Software Engineer

in/geraldgnika
github.com/geraldgnika
geraldgnika.github.io

*SWE graduate passionate about DSA and competitive programming, designing distributed systems, and software architecture.*

## Experience

**Full Stack Software Engineer** @ *ARK IT*                          Tiranë, AL  *JAN 2024 – MAY 2024*

Developed RESTful APIs for a web-based video player using Node.js, Express.js, and Vue.js. Designed as a reusable component, it integrates easily into various projects through a mono-repo architecture. Utilized "video-js" for playback and custom-built features including CRUD for annotations and cue points, subtitles, live transcription, video upload, playlist management, and thumbnail generation, ensuring industry-standard compliance. Additionally, explored supervised learning with Python and PyTorch, focusing on fine-tuning GPT models, and enhancing my expertise in machine learning and AI technologies.

**Full Stack Software Engineer** @ *ArkEvo Group*                    Tiranë, AL  *JAN 2023 – JAN 2024*

Solely developed 3 CRMs for various clients using Laravel, gaining experience with React. Integrated and customized "DataTables" for data management. Implemented notification systems and roles/permissions with Laravel Spatie. Designed and developed invoicing, reporting, and admin dashboard features. Enabled real-time task tracking and notifications for process management and integrated 3CX into the platform.

**Full Stack Software Engineer** @ *IT-Works*                        Tiranë, AL  *NOV 2021 – JAN 2023*

Used Scrum methodology and tools like Git and GitLab CI/CD. Contributed to an insurance management portal by fixing bugs and adding features. Developed and debugged applications using Angular and Django REST. Built an Ionic app for a judicial platform.

**Full Stack Software Engineer** @ *New Media Communications*        Tiranë, AL  *JUN 2020 – NOV 2021*

Built dynamic front-end interfaces with Angular and Angular Material. Developed robust back-end systems with Laravel for seamless integration. Designed custom Bootstrap themes for consistent branding and enhanced user experience. Improved application performance by 30% through optimized database queries and caching.

## Education

**B.Eng. Software Engineering** @ *Canadian Institute of Technology*    Tiranë, AL  *OCT 2017 – JUN 2020*

Relevant Courses: Software Architecture and Systems, Computer Applications, Software Engineering, Computer Science Fundamentals, Fundamentals of Programming, Calculus, Linear Algebra, Introduction to Statistics, Engineering Fundamentals, Database Systems, Introduction to Web Design.

## Skills

**Front End:** Angular, Angular Material, Ionic, Vue.js, HTML, CSS, Bootstrap, jQuery, DataTables, AJAX, SQL, JavaScript, TypeScript, Karma, Jasmine, Jest, Protractor.

**Back End:** Laravel, Node.js, Express.js, PHP, Django REST, Python, C#.

**Databases:** MySQL, PostgreSQL, Firebase.

**APIs and Tools:** REST APIs, JSON, Postman API.

**Software Development & Design:** Designing Distributed Systems, Software Architecture, OOP, Design Patterns.

**Project Management & Collaboration:** Scrum, Jira, Git, GitHub, GitLab, Bitbucket, Slack.

**Soft Skills:** Highly creative, Well-organized, Logical reasoning and abstract thought.

## Languages

Albanian – Native.                    English – Advanced (C1 – IELTS).                    Turkish – Basic (A2).

## Personal Projects

Check out my repositories in my GitHub account: *github.com/geraldgnika*