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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.

Back End: Laravel Ecosystem, Node.js, Express.js, PHP, Django REST, Python.

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*