Danila Danko

Software developer

Contacts

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Summary

Functional programmer. Implemented back ends in Haskell and Python, front ends in PureScript and TypeScript. Used Nix and Bash extensively for setting up projects infrastructure. Have experience with Docker, Kubernetes, Pulumi, Helm. Worked with PostgreSQL, SQLite, and studied SQL. Managed the development of an open-source project. Willing to work on interesting products in a team of professional developers.

Education

- **Innopolis University** (2019-2023)
  Computer Science

- **Innopolis University** (2023-2025)
  MS in Software Enginering

Work experience

- **Innopolis University** (2021-2022)
  developer in the Polystat project

Interests

- Back-end development

- DevOps

- Contributing to open-source

- Functional programming

Projects

- elibrary - electronic library of the Innopolis University (Python, TypeScript, Nix, Docker)

- nix-vscode-extensions - Nix expressions for almost all VSCode extensions (Haskell, Nix)

- flakes - Nix flakes for my projects

- projects - monorepo with my projects in Haskell and other languages.

- breaking-news-org/back-end - news site back-end (Haskell, Pulumi, Kubernetes, Nix, PostgreSQL)

- try-phi - online interactive interpreter of EO and φ-calculus (Haskell, TypeScript, PureScript)

- servant-queryparam - plugins for servant (a Haskell webservices API library)

- clerk - declaratively generate spreadsheets (Haskell)

- arigame - an arithmetics game (PureScript)

- ts-serializable-test - code generator for testing ts-serializable (Haskell, TypeScript)