

Hendrik Nigul

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Software developer career

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| 2023 Aug - Now | <p>Innovaatik: Dentist software developer (Php, C++ Qt framework, MySQL, Docker, Jenkins, JetBrains): bugfixes, optimizations, version updates, new features, deployment, monitoring (Docker, Php): Introduced Docker containers, Php unit/integration tests (Php, MySQL): Admin tools to gather data across sources (MySQL, Flyway): Deploy process and database migrations (Git): Migrate from svn to git (C++ Qt): Untangle Framework dependencies to simplify development</p> |
| 2021 May - 2023 Aug | <p>Codelive: Finance platform (C#): integrated existing microservices to 3rd party scoring system Pallet packing (Php, Python): optimized cargo loading meters by 15% compared to human planning Web application for job offers (Php): worked with Laravel, Vue.js, Websockets Loan management system (Php): Improved extendability of home-made event sourcing system (refactored static conf to dynamic with dependency injection). Introduced single-configuration fields for internal events, swagger api, ui forms, message templates. Reduced code duplication of unit-testing event-based system. Added integration tests for core workflow. Some more backend projects</p> |
| 2019 Aug - 2020 Sept | Nanomiljard, Hyperintelligent Aliens (C#): developing document management system, SharePoint UI |
| 2017 Sept - 2019 Aug | Aasa (Php): backend developer of loans management system |
| 2011 Nov - 2014 May | Nortal (C#): document management system developer based on SharePoint 2010 |
| 2011 Jan - Oct | Playtech Estonia (Java): mobile client developer using Google Web Toolkit |
| 2009 May - 2010 Dec | Playtech Estonia (Php): UI and payment methods developer |
| 2008 Oct - Nov | Titanium systems (Php) |
| 2004 - 2007 | University of Tartu, (C++): pattern matching algorithms |

Skills

- Programming languages
 - Fluent: PHP, C#, Javascript, Html, CSS
 - Comfortable: Vue, Laravel, SQL, MongoDB, C++, Unix, Bash
 - Improvable: Jenkins, Typescript, Python, DynamoDB, Java, Haskell
- Git, Atlassian products, JetBrains developer tools, Docker
- Uncle Bob SOLID principles and Test-driven-development
- Languages
 - Estonian (native)
 - English (advanced)
 - Russian, German (beginner)

Education

2003 - 2006 University of Tartu, mathematics major

2002 - 2003 Estonian Defence Forces

1991 - 2002 Tallinn English College

Hobbies

- Math, informatics, physics olympiads
 - 2004 ACM-ICPC World Finals: team member of the University of Tartu, 27th place
 - IMC'05: International Mathematics Competition, 31st place, First Prize
 - Multiple participations in Estonian olympiads
 - Member of Estonian Math Olympiad jury 2004 - 2011
 - Special interests: algorithms, combinatorics, discrete mathematics, geometry
- Bridge: Tartu bridge club board member 2014 - Now
- Sports, running, cycling, skiing, swimming: 10+ finishes in Tartu Jooksumaraton, Tartu Rattaralli, Tartu Rattamaraton, Tartu Maraton

Last update: May 2024