Ian Nastajus

416-985-6748

Full-Stack Software Engineer

Downtown Toronto ☷ ian.nastajus@gmail.com

Education	**Projects**
Ryerson University – 2014	nastajus.github.io/portfolio
BSc in Computer Science	github.com/nastajus
Co-op & Dean's List	

Technical Skills – Ordered by Mastery

- **Languages**: JavaScript, TypeScript, C#, SQL, Java, HTML, CSS, SASS, Bash, Python, PHP, ASP.NET, Android SDK.

- **Environments**: Git, Chrome Dev, Postman, Console, MinGW, Unix, NPM, Visual Studio, IntelliJ, Eclipse, VirtualBox

- **Frameworks**: Spring, .NET, Node.js, Sequelize, RXjs   • **Concepts**: REST, SOAP, ORM, MVC, UML, SDLC

- **Ops**: Amazon EC2, Jenkins, BitBucket, Git Hooks   • **Agile**: Scrum, Sprints, Kanban, Retrospectives, JIRA

Highlight of Qualifications

5+ years development experience

Full-stack
- 2.5 years full-stack experience at Paymentus, and 10 months at Secret Location: coding, debugging, resolving issues across all stack layers: front-end, back-end and database, in all environments: PROD, SIT, UAT, QA.

Angular
- 8+ months Angular and TypeScript, building extensions, adding unit tests, RXjs.

Enterprise
- Targeted solutions for PCI compliant platform with hundreds of client billers serving millions of end users in the FinTech industry for governments, municipalities, utilities.
- Coordinate the smooth release of my code solutions to production, communicating well in all teams: development, implementations, operations, and management internationally.

Start Up
- Delivered reliable code for larger feature sets in smaller team, communicated effectively.

SQL
- 5 years of experience with RDBMS: most Oracle PL SQL, updating procedures & debugging.

OOP
- Modelled data in object-oriented languages Java, C#, and JavaScript; designed clean code.

Unix
- Worked with interoperability issues, log analysis, cron jobs, server setup, Bash scripts.

Git
- Worked with large teams, solved merge conflicts, used git hooks and submodules.

Additional Projects

C# .NET
- 5 years C# experience especially in Unity: in 30 "game jams", led teams, helped companies.

VR
- Performed QA on various virtual reality experiences at Secret Location and for friends.

Attitude
- Always curious, passionate about learning, thrilled to share knowledge, hard-work ethic.

Soft
- Excellent communication skills written & verbal, strong teamwork skills.

Active side projects. Follow me on GitHub.

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Work History

Full-Stack Software Engineer   **Secret Location**   **May 2018 – Apr 2019**
- Problem-solved complex tech stack of 20+ systems, with data flows between from local computers as servers, to backend proprietary Node.js server, to yet again the front-end Angular dashboards.
- Handled issues in VR with Steam and Oculus, video processing, assisted peers debug their code.
- Delivered consistently reliable code pushed to production without regressions per QA, Added 70+ Unit tests.
- Immersed myself into asynchronous functional code and event driven code.

Technologies:
- C#, .NET 4.x, GRPC, Protobuf, Angular, TypeScript, JavaScript, GRPC, Protobuf, Async/Await, FFMPEG video processing, Virtual Reality, Steam OpenVR API, Oculus OVR API, Vive/ Vive Pro, Postman, Chrome Dev Tools

Full-Stack Software Engineer   **Paymentus**   **Dec 2014 – May 2017**
Overview:
- Problem-solved full-stack issues for a large customer base exceeding millions, for millions of dollars daily.
- Integrated billing subsystems for clients in a variety of industries, for payments over web, kiosk, POS, IVR.
- Used stored procedures to load millions of payment transactions.

Responsibilities:
- Integrated endpoints & modeled data for hundreds of diverse vendor systems into our system for real-time transactions & batch loads, for tens of millions of daily transactions for millions of users.
- Implemented diverse requirements: RESTful system extension, tokenization, percent encoding, data validation, marshalling from XML, separating code change concerns for each core & customization.
- Troubleshooting configuration, production issues, logs, and exceptions to determine root causes.
- Resolved any conflicts in requirements, optimized code performance, and delivered stable & quick solutions.

Technologies:
- Java, XML, REST, Spring, Struts, Tomcat, JDBC, HTTP, Postman, Eclipse, IntelliJ, Chrome Dev Tools, Oracle SQL Developer, PL SQL, Console, Unix, Cygwin, MinGW, IVR, Asterisk, VirtualBox, FreeMarker, HTML, CSS, JavaScript, Amazon EC2, Jenkins, BitBucket, Git, Jira, Confluence, SalesForce, Bash, JFreeChart, Apache, JXL.

Programmer Freelance   **Traumatology Institute**   **Summer 2013, 2014**
- Developed Breath Trainer entire app to rhythmically scale text & shape in JavaScript, optimized Safari sound.
- App was designed to be extensible, ported & tested prototypes in iOS and Cordova.

Programmer Co-op   **Ministry of Health**   **June 2011 – Apr 2013**
- Created Dashboard interface to track status of 30 servers across company network, in JavaScript, Excel VBA.
- Queried IBM Panorama system, analyzed data models for gaps, collaborated with immunization expert SMEs.

Additional Positions

Club President – 2 yr   **Game Maker's Union**   **2010 – 2016**

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