

# Petras Zdanavičius

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Portfolio: <http://petraszd.com>  
Code samples: <https://github.com/petraszd>  
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## Skills

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Programming: Python, TypeScript/JavaScript, C  
Libraries: Django, Flask, React  
Database: PostgreSQL  
Game Engine: Unity3D, Godot  
Toying Around With: Zig, Odin, C++, PHP, Qt, OpenGL, C#

## Work Experience

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### **March 2020 – Now, One Codex, Senior Full Stack Developer (Frontend Focused)**

- Refactored and modernized frontend code (removed hundreds of thousands of lines, upgraded dependencies, and migrated code from JS to TS) to enable new feature development.
- Designed and implemented numerous frontend components, reports, and pages to expose various analysis results to clients.
- Created a metrics system for bioinformatics workflows, allowing the company to move from per-sample to usage-based pricing.
- Created developer tools to finally allow work with all services on local developers' machines instead of relying on production or staging environments.
- Technologies: *Python, Flask, TypeScript, React, PostgreSQL, K8s*

### **July 2018 – February 2020, Sourceress, Senior Full Stack Developer (Frontend Focused)**

- Built a highly interactive single-page app for recruiters and sourcers to send complex drip email campaigns to candidates.
- Optimized the interface to enable users to rapidly browse, sort, and engage with thousands of highly qualified leads simultaneously.
- Built dozens of features end-to-end, such as Snooze, Delayed Rejections, Campaign Editing, and Template Variables.
- Technologies: *Python, Django, TypeScript, React, PostgreSQL*

### **June 2012 – July 2018, Revel Systems, Senior/Principal Developer**

- Optimized, fixed, and extended a reporting system, which eventually allowed the company to begin pursuing enterprise clients.
- Designed and implemented API changes that allowed for 10x faster throughput when syncing orders between the POS and API.
- Played a major role in hiring, building, and leading the backend team in the Lithuanian office.
- Technologies: *Python, Django, JavaScript, Backbone.js, PostgreSQL*

### **September 2010 – March 2012, aCoobe, Full Stack Software Developer**

### **August 2009 – June 2010, Devocado, Software Developer**

### **June 2007 – July 2009, Cincimedia, Software Developer**

### **January 2007 – June 2007, Penki Kontinentai, Junior Software Developer**

## Education

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### **MS, cum laude, Computer Modelling, 2010**

Vilnius University, Lithuania  
Master's thesis: Voxel Rendering

### **BS, Informatics, 2008**

Vilnius University, Lithuania  
Bachelor's thesis: 3D Sculpting Tool