

# Olli Nieminen

Portland, OR • (814) 410-7366 • otn987@gmail.com  
www.linkedin.com/in/nieminenolli/ • https://github.com/SteelFace87  
www.olli.codes

## SUMMARY

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### Full-Stack Developer • Background in Engineering & Automation Passionate About React & Node.js

Full-Stack Software Developer with 8 years of Engineering experience and a passion for diving under the hood to get a deeper understanding on new technology and a proven track record of taking projects from start to finish.

## RECENT PROJECTS / CURRENTLY WORKING ON

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### Studio Taimela

**Links:** <http://www.studiotaimela.com/> | <https://github.com/SteelFace87/Studio-Taimela>

**Summary:** Created Studio Taimela's online presence by following wireframes while focusing on performance, SEO, and best practices. I really enjoyed creating this project with the React framework and implementing React hooks.

### Workür / Jobtographer

**Links:** <https://workur.netlify.com/> | <https://github.com/jobtographer>

**Summary:** Full stack app created within an agile environment geared towards job seekers. Project was built using Mongo, Redux, React, and Auth-0.

### Code for PDX / RecordexpungPDX (currently working on)

**Links:** <https://github.com/codeforpdx/recordexpungPDX>

**Summary:** Project in conjunction with Multnomah County Public Defender's Office to automate expunging qualifying criminal records. This project utilizes Flask on the back end and React / TypeScript on the front end.

## FRONT END STACK

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React • Gatsby • HTML • CSS • Inquirer • Glamor • React Styled Components • Post CSS • React Hooks

## BACK END STACK

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Node.js • Express • Super Agent • JavaScript • GraphQL • API • TypeScript

## DATABASES

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Netlify • Mongo • Mongoose • Heroku • Firebase • AWS S3 • AWS EC2 • GitHub Pages • Serverless

## TOOLS

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Jest • QUnit • TDD • Enzyme • Snapshot Testing • Agile • Mob Programming • Nodemon

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## RELEVANT PROFESSIONAL EXPERIENCE

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### ALLIED SYSTEMS COMPANY **Design Engineer / Test Engineer** • 2016 – 2019

Worked within a team atmosphere to design, program, and test marine hydraulic equipment used in commercial applications while following industry standards.

- Conducted factory acceptance testing for marine cranes while providing support for equipment in the field.
- Programmed Parker hardware used in operating marine equipment.
- Developed cost efficient solutions to complex problems.

### Guardian Industries **Mechanical Engineer / Lead Design Engineer** • 2011 – 2016

Developed Guardian's proprietary technology, manufacturing process and production equipment; relocated facilities and trained new employees. Evaluated products, parts, and processes for cost efficiency, reliability and recommended design alterations to improve procedures and product.

- Aided in runoff phase and final equipment debugging to earn client approval for new manufacturing equipment.
- Lead design efforts for early R&D phases, including a revolutionary solution for the window industry.
- Led turnaround of a subpar prototype and an unmanageable, unrepeatable manufacturing process into a marketable product.
- Led all manufacturing equipment, preventative maintenance and troubleshooting, including electronic, mechanical, and industrial equipment purchased from various vendors.
- Consulted with equipment operators before configuring and programming systems to ensure user-friendly digital control system layouts.
- Created a tracking system to address root-causes of product anomalies, defects, or failures in field.

## EDUCATION

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### Alchemy Code Lab

#### **Full-Stack JavaScript Development**

### University of Pittsburgh

Bachelor of Science (BS) • Major in **Mechanical Engineering**, Minor in **Mathematics**

### Dunwoody College of Technology

#### **Industrial Controls & Automation Degree**