

# Taylor Nurmi

Moscow, ID | (986) 600-7125 | tnurmi0714@gmail.com | [Linkedin.com/in/taylor-nurmi](#) | [GitHub](#) | [Portfolio1](#) | [Portfolio 2](#)

**Full Stack Software Engineer** with a strong foundation in delivering scalable and innovative software solutions. Skilled in various technologies, encompassing front-end and back-end frameworks, and databases. Transformed college first-destination surveys, acquired and automated a lengthy process into a swift 10-minute script, and slashed turnaround from days to minutes. Experienced in optimizing application performance, improving user experience, and upholding security protocols. Consistently met project deadlines and surpassed client expectations. Skilled in troubleshooting and debugging complex issues for seamless application functionality. A collaborative approach to working with cross-functional teams for requirement analysis, solution architecture, and streamlined development processes.

## Areas of Expertise

Full-Stack Software Development | API Management | Code Review | Features Implementation | Platform Designing | Framework Architecture  
Deployment Efficiency Enhancement | Model Optimization | Application Development Life cycle | Project Coordination | Technical Issues Resolutions | Process Improvement | Cross-Functional Collaborations | Documentation & Reporting

## TECHNICAL SKILLS

**Programming Languages:** Python ▪ JavaScript ▪ SQL ▪ HTML5 ▪ CSS

**Databases:** MySQL ▪ SQLite ▪ MongoDB | **Frameworks/Libraries:** Django ORM ▪ Django ▪ Werkzeug

**Tools:** bcrypt ▪ AWS(EC2) ▪ JSON ▪ Gunicorn. Wsgi ▪ Templating ▪ Flask ▪ React ▪ Bootstrap ▪ jQuery ▪ Jinja2 AJAX ▪ MySQL ▪ CMD

## TECHNICAL PROJECTS

### TayTunes – JavaScript/React

- Engineered a user-friendly web app with Spotify API integration, which empowered individuals in personalized playlist creation.
- Optimized React application development by implementing modular code using Hooks and Components, which resulted in enhanced stability, ease of testing, and improved product organization.
- Maintained uninterrupted access to Spotify's music and enhanced user experience with automated token renewal system integration.
- Designed and incorporated intuitive and user-friendly alert messages feature within the application to ensure a smooth navigation experience for technical and non-technical users.
- Eased playlist creation by synchronizing an advanced search function, utilizing the Spotify API for swift song discovery.

### MHR Hunts – Python/Flask

- Designed a specialized social media platform, catering to enthusiasts of Monster Hunter Rise to deliver a customized user interface.
- Accelerated application load time, compared to a traditional page displaying through AJAX partial page reloads.
- Implemented Flask flash messages to streamline notification delivery and improve data persistence without database space consumption.
- Strengthened system integrity with Bcrypt encryption and Werkzeug Library for secure user authentication and database security.
- Safeguarded user-profiles and eliminated unauthorized access to user content with a session-based identity and authorization structure.
- Improved app development efficiency and new feature integration processes through Jinja2 templates and the Flask framework.

### The Best Pets – Python/Django/API

- Engineered a Python/Django-based pet care, adoption, rescue, and breed information hub to serve the diverse needs of pet owners.
- Incorporated TheDogAPI and TheCatAPI to enhance breed information accessibility without using database resources for rapid access.
- Developed a search form, enabling RESTful API calls for specific pet breeds while optimizing single-breed data retrieval using Python Requests.
- Maximized user experience and ensured cross-device accessibility through the utilization of Bootstrap for a sleek/responsive design.
- Accelerated database implementation speed and boosted app performance by leveraging Django ORM.

## PROFESSIONAL EXPERIENCE

**Lightcast | Product Operations Analyst** | 2023 – Present | Moscow, ID

Administered AWS Identity and Access Management (IAM) roles to ensure the implementation of least-privilege access principles for optimal resource security. Utilized S3, Hadoop, and Spark pipelines for efficient data processing, file transfer, and storage.

- Systemized the data management process, system administration, and various operational functions by incorporating automation scripts with Python, D, Scala, and VBA.
- Automated CSV file processing using Python scripts and streamlined company tasks in Excel/Microsoft Office applications, with VBA scripting.
- Boosted the processing speed by 25% through the utilization of advanced tools.
- Demonstrated strong skills in data cleaning, analysis, and generating data quality reports while ensuring insightful outcomes.

**Volunteer Developer Mentor** | 2022 |

Instructed core coding principles to participants while offering expert guidance on best practices for a strong programming foundation. Facilitated comprehension of programming concepts and resolved issues, as a dedicated support resource. Promoted continuous learning and supported software developers' personal growth for a dynamic team.

## CERTIFICATION & COURSE

**Full Stack Developer Certification** – Coding Dojo | **Learn How to Code Course** – Codecademy