Natalia Plishkina

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SUMMARY

Entry-level web developer with strong problem-solving skills and experience contributing to a large-scale Django project. Recently trained in building full-stack applications using React and the Spring framework. Looking for a junior web developer role within a supportive team environment to contribute to real-world software solutions.

LANGUAGES | FRAMEWORKS | TOOLS

Java, Python, JavaScript, SQL | Spring, Django, React | PostgreSQL, MySQL, Git

EXPERIENCE

Uniform AI chat - Launchcode Capstone Project, https://github.com/nvp85/web-ai-chat-full-stack
- Developed a responsive web interface for interacting with LLMs from different AI providers
- Implemented and integrated reusable React components for features such as the chat interface, basic chat management (renaming and deleting chats), user profile management, and authentication
- Created dynamic client-side navigation with React Router
- Built a RESTful API with the Spring framework and MySQL database for the app's data persistence
- Integrated the API into the front-end
- Implemented full-text search and semantic search functionality for searching across chats

Tech stack: React, React Router, Spring, MySQL, the OpenAI Java SDK, Google Gen AI Java SDK, Hibernate Search & Apache Lucene

Dictionaries Aggregator - Independent Project, https://github.com/nvp85/dicts_aggregator
- Created a web application that provides a unified interface for word lookup across multiple online dictionaries, using their public APIs
- Hosted here: https://dict.nvp85.net/home/

Tech Stack: Django, PostgreSQL, Bulma (CSS library), JavaScript

Calorie Tracker - Independent Project, https://github.com/nvp85/calorie-tracker
- Designed and built an app that helps users address nutritional needs by logging their calorie intake
- Developed and integrated reusable React components for all app functionality, such as authentication, food search, food logging, adding new custom food items, user profile management
- Created dynamic client-side routing using React Router

Tech Stack: React and React Router, HTML/CSS

Fitness Tracker - Independent Project, https://github.com/nvp85/fit_app
- Built a RESTful API for a fitness web application with endpoints for managing user data, food nutrients, exercises, and tracking daily activities and calorie intake

Tech stack: Flask, SQLAlchemy, Alembic, and PostgreSQL

Software Engineer — Alfacom LLC (Internet service provider)

August 2011 - July 2014
- Maintained the company's Django-based web portal (for users and staff).
- Automated tasks with Python scripts and scheduled them using cron.
- Configured a read-only replica of a PostgreSQL server; set up and maintained database backups.
- Assisted management with analytics by writing various SQL queries.

EDUCATION

LaunchCode, Software Development, 8/2025
AWS Certified Cloud Practitioner - Certificate, 8/2024
Perm State University, Russia – Master's in Mechanics (equivalent, evaluated by WES)