Jacek Paczos

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TECHNICAL SKILLS

Frontend Development: React - NextJS - GraphQL - Redux - JavaScript - Tailwind - SASS - CSS - HTML
Backend Development: Python - Flask - Express - NodeJs - MySQL - MongoDB - Firebase - Pinecone
Developer Tools: Git - Github - BitBucket - Jira - Miro - Figma
Data Collection/Processing: Pandas - Langchain - Selenium - Scrapy

PROJECTS

AutoConnect | *Python, Scrapy, Langchain, smtplib, Pinecone, MongoDB, NotionAPI*   October 2023 – Present
- Developed advanced web scraping spiders using Scrapy that collected over 70,000 items from diverse websites.
- Constructed a robust data pipeline for filtering and sanitizing raw scraped data, then storing it in MongoDB.
- Leveraged Langchain for generating automated and personalized messages to key company personnel.
- Integrated with Notion API to synchronize data storage, offering a seamless workflow between the database and user-friendly Notion database.

Moonlog | *React, NodeJS, ExpressJS, OAuth, MongoDB*   May 2023 – October 2023
- Architected a full-stack web application using React and NodeJS, with ExpressJS serving a REST API for seamless data flow.
- Engineered and executed successful PassportJS and OAuth for integration for user authentication, saving profile data in MongoDB.
- Crafted a visually appealing dashboard using amcharts, recharts, ag-grid, and framer motion for enhanced user experience and smooth transitions.
- Designed and built over 50 reusable React UI components, enhancing modularity and accelerating development.

React-Stats | *Python, Pandas, Regex, Watchdog, PyPi*   September 2023 – September 2023
- Created a Python package with 3 modules to streamline React development, offering project insights via a single command.
- Used regex to parse source code, capturing metrics like hook usage, line count, and language proportions for detailed analysis.
- Implemented a Watchdog script to monitor directory changes, automatically sorting files to maintain a clean workspace.
- Deployed the package on PyPi using Twine, making it accessible to the broader development community.

EXPERIENCE

Frontend Engineer   January 2023 – September 2023
Amiconsult   *Karlsruhe, Germany*
- Eradicated all Cumulative Layout Shift (CLS) issues in a major e-commerce store, leading to an 80% improvement in Google's Performance Score.
- Redesigned the blog layout and styles, significantly enhancing user experience and engagement by over 50%.
- Optimized website speed by 30% through image optimization, lazy-loading implementation, and code refactoring.
- Consulted with clients about requirements for new features and completed them within specified time.
- Configured a test server environment with Hetzner for a third-party client, and managed secure access credentials.
- Efficiently diagnosed and resolved more than 20 front-end and back-end anomalies leading to more system stability.

Mini Jobs   March 2017 – August 2022
Ski Instructor, Waiter, Web Designer, Barkeeper   *Switzerland, Poland, Germany*

Owner Small E-commerce Strore   October 2019 – December 2020
Dyoro   *Goerlitz, Germnany*

EDUCATION

Augustum Annen Gynmasium   Goerlitz, Germany
Abitur in Business and Mathematics   *September 2012 – August 2021*

Semester Abroad   Urubamba, Peru
Business lessons from US college prof.   *December 2018 – June 2019*