Oleksii Krupiak

Senior Software Engineer

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SUMMARY

I am a Senior Software Engineer who is really passionate about studying up-and-coming technologies and implementing them into projects, and Senior Full-Stack Engineer with proven success in building web applications, successful algorithms & predictive models for different industries. Passionate engineer & thriving analyst with the ability to apply ML techniques & algorithm development to solve real-world business problems.

I aim to build highly responsive, efficient, optimized, and performant services.

SKILLS

- **Language:** JavaScript, TypeScript, C/C++, C#, Python, Go, Java, R, Solidity, PHP, SQL
- **Framework/Library:** React, Node, Angular, Ruby on Rails, Redux, Next, Vue, ASP.Net, Django, Flask, Laravel, React Native, Flutter
- **Database:** MySQL, PostgreSQL, GraphQL, NoSQL, MongoDB, AWS S3, Pinecone
- **Others:** WordPress, Swift, Kotlin, Rest API, Github, Docker, AWS, Azure, GCP, Material UI, Linux, Agile, Rest API, Algorithms, Data analysis, Project Management Leader, Highly communication & teamwork

EXPERIENCE

Senior Full-Stack Engineer, Team Lead

Interplai (Contract), Sep 2021 – May 2023

- Led a cross-functional team of 9 members for the design and development of a cutting-edge web application utilizing modern technologies such as React, Angular, Node.js, Django and Gin.
- Developed new functions and support existing backend functionality, migrate a project from go1.13 to go1.19.
- Increased the customer traffic by 10% compared to the previous year by refactoring the food delivery system using React, Node.js, PostgreSQL, and AWS Services, implementing the food recommendation system which used the NLP model, and implementing the real-time chat with chatbot.

Senior Full-Stack Engineer, Machine Learning Engineer

Digamma.ai (Full-time), May 2018 – Sep 2021

- Designed and implemented robust and scalable APIs using frameworks like Express.js and Django, ensuring seamless integration with the front-end systems.
- Collaborated with client teams to onboard new models and algorithms and design end to end data pipelines.
- Building, maintaining and optimizing end-to-end infrastructure to support automatic ad creation using computer vision and deep learning.
- Ideated and implemented the early machine learning and reinforcement learning models that learned when and to whom to display advertisements and offers based on each shopper's digital journey.
- Developed and maintained Computer Vision and NLP(Natural Language Processing) models which was being used for part of backend of Web application by using various Machine Learning Algorithms, AWS Services(S3, EC2, ECS, EKS, Lambda, SageMaker), Docker and K8s(Kubernetes).

Senior Software Engineer

Polytech Software (Full-time), Jul 2015 – Feb 2018

- Worked on a couple of Wordpress websites to maintain the user traffic and to improve the user experience.
- Focused on the latest trend - React, built several projects with Redux.
- Worked on the SEO best practice websites by building the high-level meta tags & SEO friendly functionalities
- Participated in the design and implementation of CI / CD and DevOps processes for agile projects and worked with technologies and platforms such as Python, JavaScript, GIT, Linux, Docker, Kubernetes, Ngnix, Jenkins, AWS, used debugging tools like React-Dev Tools for faster debugging and reducing debugging time by 50%.
- Developed the end to end solutions for the Machine learning projects collaborating with the cross functional teams.

Software/Mobile Engineer

N-ix (Full-time), Jan 2013 – Apr 2015

- Maintained a large web application using HTML/CSS, JavaScript, jQuery, PHP(Laravel) framework, and automated monthly supplier payments billing cycle using PHP and MySQL. Ran payment programs on a monthly basis and adjusted conditional business logic through a web interface.
- Maintained the back-end server using Express.js for monitoring Ethereum smart contracts.
- Designed and developed a new rule-based machine translation engine, which enhanced quality and processing time by 60%.
- Implemented various private APIs on a Node.js and MongoDB backend.

Software Engineer

Google (Full-time), Nov 2009 – Oct 2012

- Wrote client and server code in Java, C#, JavaScript, CSS, and SQL.
- Maintain and developed multiple live websites & mobile apps developed using HTML, CSS, Javascript, JQuery, PHP, Ruby, C/C++, C# and MERN with 100% accordance to industry and company standards web app.
- Refactored event management and appointment management system for company internal members by migrating from HTML to Angular.
- Contributed to adding and updating API endpoints using Laravel.

EDUCATION

Bachelor of Computer Science

South East European University, Tetovo, Macedonia, Sep 2005 - Jun 2009