Yurii Sherehi

Senior Software Engineer

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Expertise in modern frameworks, cloud platforms, and scalable architectures, with a proven track record of driving operational efficiency, reducing infrastructure costs, and delivering innovative solutions.

Strong leadership skills in mentoring teams, optimizing workflows, and fostering collaboration.

Passionate about building secure, user-friendly systems that empower businesses to achieve their strategic objectives.

Professional Experience

Senior Software Engineer
ITBrains, Kharkiv | May 2022 - Present

• Spearheaded the redesign of a cross-platform analytics tool that improved data processing speeds by 40%, utilizing **Redux** for the frontend and **Node** for the backend.

• Utilized Jira for managing and tracking progress which improved the team's efficiency by 15%.

• Incorporated cloud-based solutions with **Azure** services, resulting in a scalable infrastructure that supported a twofold increase in user traffic during peak transaction periods.

• Spearheaded the adoption of containerization using **Docker** and **Kubernetes,** reducing deployment time by 40% and improving scalability.

• Designed and implemented database schema using **SQLAlchemy**, ensuring data consistency and scalability across multiple micro-services.

• Mentored junior developers through pair programming and code review, boosting team performance and knowledge sharing.

• Created Blockchain Technology and Smart Contracts Programming Courseware.

• Instructed and motivated underprivileged communities students, mentoring new teachers and help opening professional paths in Kharkiv, Ukraine.

Senior Full Stack Engineer
Codeminders, Kyiv | March 2020 - April 2022

• Developed an advanced user interface using **React Native**, enhancing user experience and boosting website traffic by 20%

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• Designed a scalable cloud-based solution on **AWS**, reducing infrastructure costs by 25% while increasing performance.

• Fixed critical bugs and optimized **MySQL** queries, improving overall database performance by 15%.

• Participated in Agile development processes, effectively contributing to bi-weekly sprints and delivering 95% of assigned tasks on time.

Full stack Engineer
Daxx, Kharkiv | September 2018 - March 2020

• Designed and implemented modular Angular and React components to increase code reuse by 20%.

• Streamlined frontend-to-backend communication bringing uniformity and consistency to web application data, resulting in a 20% decrease in discrepancies.

• Enforced rate-limiting mechanisms as part of infrastructure management to ensure fair usage and maintain system performance.

- Pioneered the adoption of test-driven development (TDD) practices using **Jest** and **Mocha**, enhancing code quality and reducing the number of regression bugs by 35%.

- Engaged in integrating AI-driven analytics into cloud services, enhancing customer predictive capabilities by 20%.

Front End Developer
SoftServe, Dnipro | April 2015 - September 2018

- Developed over 25 highly responsive and user-friendly web interfaces using **Laravel** and **jQuery**.

- Enhanced web app performance by 30% through advanced asynchronous programming in **JavaScript**.

- Contributed in regular code reviews and executed best practices for **GitFlow**, increasing collaboration efficiency within the development team by 15%.

- Contributed to the development of client-side logic for various applications, ensuring smooth operation across different browsers.

- Collaborated with **UX/UI** designers to enhance user experience, increasing user engagement by 20%.

- Actively took part in sprint planning, stand-ups, and retrospectives to align with project goals.

Education

Bachelor's degree in Computer Science
Dnipropetrovs'kij Nacional'nij Universitet, Dnipro | September 2010 - June 2014

Skills

- Software Development
- Front End Development
- Back End Development
- Full Stack Development
- Mobile Application Development
- Web Application Development
- Web Development

Languages

- English

Interests

Sport(Football, Ice Hockey)
Reading
Playing Game