

Aleksandar Zivkovic

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EDUCATION

British Columbia Institute of Technology | Computer Information Technology Vancouver, BC
September 2021 - May 2023

Relevant Coursework: Algorithms, Object Oriented Programming, Web Applications, Web Administration, Enterprise Networking, Database Design, Database Administration, Cloud Computing, Linux, CI/CD Integration, UX/UI Design

WORK EXPERIENCE

ACE-BC - Practicum Vancouver, BC
Web Developer September 2022 - May 2023

- Developed a website using **Python (Django framework)**, designed to replace their previous content delivery system and improve site performance.
- Collaborated with a team of developers utilizing **Agile methodologies** to develop the client's desired product.
- Designed engaging and responsive graphics and visual elements using **Bootstrap CSS** that contributed to easier website navigation.
- Deployed the website to a cloud-based server using **Microsoft Azure**, ensuring a 99.9% uptime.

Nicolaus Copernicus University - Practicum Torun, Poland
Web Developer September 2022 - May 2023

- Developed a web application using **Python (Django framework)**, designed to apply advanced image filtering to x-ray images of horse bones to assist veterinary students in their studies.
- Enhanced user experience by implementing **responsive design** and optimizing web performance.
- **Led a team** of developers by assigning weekly tasks to team members, resulting in an increase in productivity and conducted weekly **code reviews** and meetings to ensure project success.
- Deployed the web application's client and server using **Amazon Web Services**.

PROJECTS

Instagram Clone | [Full Stack Website](#) | [Source Code](#) React | TypeScript | Tailwind

- Implemented **CRUD** requests with **Appwrite**, a backend as a service to create a social media app that allows users to post, like, save, and edit photos.
- Established robust user authentication prioritizing security and privacy.
- Optimized application performance with **React Query** integration for efficient data fetching.
- Ensured a fully **responsive** design with a bottom bar, providing a seamless mobile app experience.

Portfolio Website | alzivkovic.com | [Source Code](#) React | ThreeJS | Tailwind

- Designed and developed a **3D personal portfolio** website using **React**, **Three JS**, and **Tailwind** to showcase my skills and projects.
- Ensured a fully **responsive** design to optimize the website for all devices, showcasing the use of **higher order components** and user-centered design principles.

TECHNICAL SKILLS

Languages/Frameworks: JavaScript, Python, TypeScript, React JS, Tailwind CSS, Three JS, Django, Flask, Node JS, HTML, CSS

Databases: SQL, MySQL, MongoDB

Cloud: AWS, Microsoft Azure, Terraform, Nginx, Apache, Google Cloud

Developer Tools: Git, GitLab, Jenkins, Jira, Linux, Bash, Docker, Kubernetes, Postman