

Andrei Vasile Dumitrache

Technical Skills

- JavaScript, ReactJS, TypeScript, HTML, CSS
- AngularJS, Bootstrap, Git, REST APIs
- VueJS, Node.js, Docker, Kubernetes
- TypeScript, Figma, InVision, AWS

Foreign Languages

- English: C1
- Spanish: B2

Education

- University Name: University Politehnica of Bucharest
- Program Duration: 4 years
- Master Degree Name: University Politehnica of Bucharest
- Program Duration: 2 years

Certifications

- AWS Certified Solutions Architect Professional
- Google Professional Cloud Developer
- Certified Kubernetes Administrator

Project Experience

1. ****Real-Time Collaboration Platform****

Led the development of a real-time collaboration platform using ReactJS and Node.js, enabling teams to work together seamlessly across different locations. Implemented REST APIs for data

synchronization and utilized WebSockets for instant updates, ensuring a smooth user experience. Deployed the application using Docker and Kubernetes for scalable and efficient resource management. Technologies and tools used: ReactJS, Node.js, REST APIs, Docker, Kubernetes.

2. **E-commerce Web Application**

Architected a scalable e-commerce web application using AngularJS and Bootstrap for a responsive and dynamic user interface. Integrated secure payment gateways and implemented RESTful services for product management and user authentication. Utilized Git for version control and collaborated with a cross-functional team to ensure timely delivery. Technologies and tools used: AngularJS, Bootstrap, REST APIs, Git.

3. **Cloud-Based Microservices Architecture**

Designed and implemented a cloud-based microservices architecture on AWS, leveraging Docker and Kubernetes for container orchestration. Developed services using TypeScript and Node.js, ensuring high performance and reliability. Automated deployment pipelines using AWS CloudFormation, achieving a 50% reduction in deployment time. Technologies and tools used: AWS, Docker, Kubernetes, TypeScript, Node.js.