EDUARD KOSHKELYAN

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FRONTEND SOFTWARE ENGINEER

AWS Certified Frontend Software Engineer with 4 years of professional experience working on applications serving the Real Estate, Education, and Marketing sectors. Extensive experience in building frontend applications including developing and architecting a custom CMS with MERN stack. Proficient in frontend technologies including JavaScript, TypeScript, React, Next.js, and Sass, as well as backend and cloud technologies like Node.js, Express, AWS (Lambda, S3, DynamoDB), MongoDB, MySQL, and Firebase.

● Object-Oriented Programming (OOP) ● Web Application Architecture ● API Integration ● Version Control
● Performance Optimization ● Responsive Design and UI/UX Best Practices ● Single Page Applications
● Cloud Computing ● Server-side rendering ● CI/CD ● Containerization

Languages: JavaScript, TypeScript, Java
Web: React, Redux/Redux Toolkit, HTML, CSS, SASS, Tailwind, Material UI, bootstrap
Web Services: REST, GraphQL, JSON
Web/App Servers: Node.js
Frameworks: React Native, Next.js, Gatsby.js, Angular.js, Express, WordPress, WooCommerce
Databases: MySQL, MongoDB, Redis
Design Patterns: Singleton, Factory, Observer, Command, MVC, SOLID Principles
SDLC: Agile, Scrum, Kanban
Tools: Git, GitLab, GitHub, Webpack, Rollup, Babel, AWS (EC2, Lambda, ECS, EKS, S3, EBS, EFS, RDS, DynamoDB, DocumentDB, Aurora, Redshift, VPC, CloudFront, Route 53, IAM, Cognito, API Gateway, Step Functions, SNS, SQS, CloudWatch, CloudFormation), Docker, Git Actions, Jest, Enzyme, Cypress, Apollo, Ant Design, Gulp, NPM
Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** *(Available for full-time, W-2 employment).*

EZ DIGITAL, Los Angeles, United States ● 07/2021 – 08/2024
A digital solutions company specializing in web and software development for various industries, offering cutting-edge technologies and innovative approaches.

Senior Front-end Software Engineer (Remote) ● 06/2022 - 08/2024
Contribute to the development of in-house CMS.
- Built an AI-powered system from the ground up using JavaScript, TypeScript, React.js, and Webpack, enhancing system capabilities and performance.
- Led the architecture and development of a scalable React + Node.js builder and CMS for a startup, integrating Redux for efficient state management and improving user experience.
- Developed a dynamic UI component library using React, Tailwind CSS, and Chakra UI, ensuring consistency across multiple projects and accelerating UI development by 40%.
- Enhanced CI/CD workflows with GitLab, reducing deployment failures by 30% through automated testing and staging environment improvements.
- Built a media library and SaaS solution for content management using AWS services like S3 for object storage, Lambda for serverless backend functions, and DynamoDB for scalable database solutions.
- Integrated CloudFront for content delivery, enhancing media loading speeds, and used IAM for secure user access management in the media library and CMS.
- Deployed the system with EC2 for scalable computing and RDS for relational data storage, ensuring reliability and performance in a cloud-based environment.

Middle Front-end Software Engineer (Remote) ● 07/2021 - 05/2022
- Developed pixel-perfect, mobile-first websites using React.js, TypeScript, and Redux, ensuring cross-browser compatibility and WCAG 2.0 compliance, improving accessibility for users.

- Increased website traffic by 30% and reduced bounce rates by 20% by optimizing UI performance, lazy loading images, and improving page load speed.
- Implemented SEO strategies and Schema.org structured data, leading to a 58% increase in organic traffic and a 4-position boost in search rankings.
- Built and optimized reusable UI components using Tailwind CSS and Storybook, improving development efficiency and maintaining design consistency.
- Integrated HubSpot and other third-party APIs to streamline marketing automation, improving lead capture and conversion rates.

Technologies Used: *JavaScript, React.js, Next.js, TypeScript, Tailwind CSS, HTML5, CSS3, Chakra UI, Strapi, Node.js, Express.js, AWS (EC2, DynamoDB, S3, Lambda, IAM, CloudFront, Route 53, CloudWatch, CodeCommit), Microservices Architecture, Docker, Jest, Cypress, Enzyme, Supertest, GitLab, PixelPerfect Markup, Mobile-first Development, SEO, Schema.org, Accessibility (WCAG 2.0), HubSpot, AI Models.*

REALTYNA, Newark, United States ● 01/2021 – 07/2021

A real estate technology company provides web solutions and plugins for enhancing the functionality of real estate websites.

Front-end/UI Developer (Remote)

Built/Developed custom WordPress themes and plugins for business need.
- Developed and maintained user-friendly interfaces using JavaScript, PHP, and WordPress, ensuring WCAG 2.0 compliance and improving accessibility for users.
- Designed and implemented bespoke WordPress themes integrating Realtyna Plugin functionality, increasing lead conversion rates by 30% and improving website performance.
- Crafted pixel-perfect, mobile-first websites using Tailwind CSS and Sass, leading to a 30% increase in traffic and 20% reduction in bounce rates.
- Optimized website performance by implementing lazy loading, asset compression, and caching strategies, improving page load speed and SEO rankings.
- Enhanced SEO with Schema.org structured data and metadata optimizations, boosting organic search visibility and increasing traffic.
- Integrated real estate listing APIs to provide dynamic property search functionality, enhancing user experience and engagement.

Technologies Used: *JavaScript, jQuery, PHP, WordPress, Markup, SASS, UI/UX, SEO, Accessibility and WCAG 2.0, Scrum, SVN.*

ACADEMIC PROJECTS

Maharishi International University (MIU) - 2024

MIU Job Match AI: A web application designed to help students by leveraging AI-driven analytics, utilizing natural language processing (NLP), embeddings, and vector similarity search to provide personalized study recommendations and insights. Utilized Angular, Nest.js, TypeScript, AI, OpenAI API, MongoDB, Mongoose, JWT, MongoDB Vector Search.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Cloud Computing, Web Application Programming, Modern Web Applications

Bachelor of Science in Computer Science

Georgian Technical University, Tbilisi, Georgia (07/2023)

CERTIFICATIONS

AWS Certified Developer - Associate (06/2023)

Professional Scrum Master™ I (PSM I) (10/2023)