Darko Cejkov

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Github   LinkedIn   Notion   Website

Developer with over 3 years of professional web development experience in JavaScript.

EDUCATION

WILFRID LAURIER UNIVERSITY

September 01 2016 – April 01 2022

Honors BSc in **Computer Science**, **Psychology**

EXPERIENCE

VAN VALKENBURG COMMUNICATIONS (VVC)

May 05, 2021 – Feb 26, 2023

Fullstack Developer – Permanent Full-time

- Main developer on project, creating an online media event platform based around white-label event pages for client events with easy event creation methods to conform to client needs
- Overhauled system design process through multimedia mind-mapping solutions allowing the design and implementation of complex fullstack features
- Performed weekly and daily AGILE sprint cycles to manage project expectations, progress, and roadblocks with team of testers and managers
- Monitored and analyzed large-scale UAT beta testing with clients and upwards of 1000 concurrent users to find large flaws in scalability and data models
- Implemented Redux to manage large-scale application wide states and contexts through reducers
- Used git to refactor version tree from 10 branches to 3, managing deployment, merging, and rebasing to developer, QA, and production release branches
- Package management, installation, and version control through NPM
- Developed, reworked *20*+ SPA state-based pages/views, *100*+ components
- Used React design principles and patterns to create hierarchies of modular components
- Implemented comprehensive unit and integration tests through Jest for all components and pages in order to ensure their proper functionality and integration within the overall system
- Designed dynamic, responsive UI through mobile-first Bootstrap-based principles, integrated with styled-components and ability to have custom branded interfaces for client events
- Integrated i18n support, and enabled site-wide a11y accessibility overhaul
- Handled the design and implementation aspects of the following feature sets:
  - Real-time chat messaging service allowing for room-wide and direct chat complete with chat replay and activity event logs.
  - Voting and Polling, conforming to formal rulesets like amendments and seconding
  - Real-time analytics dashboard & reporting through interactive Nivo + D3 graphs
  - Diverse video player, supporting multilingual captions and many different stream formats (DASH, HLS, Embeds: YouTube, Vimeo)

   › Form handling HOCs that support custom components and on-the-fly validation rulesets, which overhauled form creation and heavily increased component re-usability
× Managing micro service API ecosystem through express.js middleware, integrated with passport.js authentication to enable local, Google and Meta sign-in strategies
× Innovated new scalable user tracking methods via WebSockets to track data not previously possible such as event timestamps, page activity, location, and watch time to eliminate usage of expensive 3rd party integrations, cutting bills down by the thousands
× Leveraged Redis as an in-memory efficient database for data caching to optimize overall performance as an in-place solution for scalability concerns, and completely eliminate database connection limit issues
× Fully managed and maintained MySQL databases through HeidiSQL RDBMS, and querying records, views, with high proficiency, using AWS Lightsail to host.
× CI/CD of 3 different Linux-based deployment branches, and necessary stack-components through AWS technologies, such as EC2, ECS, and Docker to create and manage development, QA, and production server environments.
× Leveraged AWS S3 buckets to store, organize, and archive all user-uploaded media and provide efficient CDN which offloaded backend server performance by at least 10%
× Enabled customizable client-branded emails via nodemailer + AWS SES

TRACTION ON DEMAND

May 01, 2021 – September 01, 2021

Salesforce Developer – Marketing Automation – Internship

→ collaborated within a large 20+ team of diverse roles to learn marketing automation tenets through practical consultation, and Salesforce as a platform
→ Trained as a Ranger, preparing and advising other interns for Salesforce Administrator certifications
→ Created a community and networked with other interns, organized various game and study sessions
→ Learnt of important legality of marketing, GDPR and how we work around them
→ Trained in SOQL language to perform object-model queries
→ Trained in the APEX object-oriented language to perform Salesforce object manipulation
→ Used HTML, JavaScript, AMPScript, and CSS to create responsive communication preference centers
→ Developed and verified UAT scripts for clients based on the theoretical outputs of
→ AMPScript and overall marketing Journey flows
→ Trained and instructed clients in user-handoff and training phases on AMPScript specific to their marketing automation solution, and how to approach future

SKILLS

JavaScript, ReactJS, NextJS, ExpressJS, PassportJS, SocketIO, AWS, EC2, ECS, S3, SES, Lightsail, Amplify, Route53, Git, Bootstrap5, Tailwind, HTML5, ES6, Git, MySQL, Redis, Salesforce Administrator, APEX, SOQL, AMPScript, Linux, Bash, Windows