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SKILLS

Languages: JavaScript (ES7) | Ruby | React / Redux | React Native | Ruby on Rails | CSS/SCSS/HTML | PostgreSOL/Razor SQL | D3 | VBA | AWS S3/CloudFront/Route 53 | jQuery | Bootstrap | Git | Node | Xcode

Certifications | ITIL v3 | AWS Technical & Business Professional | DRI License #51308 | MTA License # F587-4691

PROJECTS

Cryptos | (React / Redux, React Native, Mongo, Express, Node.js, Xcode)
- Developed mobile application that gathers real time pricing data for 25+ cryptocurrencies using a MangoDB backend API endpoints and published to App Store
- Used 30+ React Native components for frontend coin details, charts, and news that allowed maximum code reuse and fast fetch time from API endpoint (14 days).
- Utilized MongoDB, Express, and Node to fetch data from Bittrex's API and store historical data to draw accurate charts
- Created responsive UI/UX for both portrait and landscape views by leveraging D3 visualization library and real-time charting data to generate hourly, daily, and weekly view of cryptocurrencies
- Developed an algorithm to deliver a 2-second response time to filter out irrelevant information returned from "News" API, resulting in the most accurate and latest cryptocurrency news for a specific coin

Liqr | (React / Redux, Ruby on Rails, CSS, HTML, Ruby, SQL, PostgreSQL)
- Enabled encrypted user data to be stored in PostgreSQL through BCrypt, and stored user session data in Rails
- Leveraged the Cloudinary API to increase user efficiency by 20%, which allowed users to directly upload photos to the cloud hosting service, and provided the ability to utilize the drag-and-drop file upload feature
- Enabled photo organization into albums by using Rails to keep track of the associations between users and photos
- Implemented a responsive web page with a dynamic grid system and no edge gaps

TopoData | (JavaScript, D3, CSS, HTML)
- Generated an interactive map of the average and median salary by state across the nation with more than 50,000 data points using the D3 data visualization library
- Applied D3's linear scale to render various shades for each state and provided data selection spanning from 2011 to 2016
- Designed a solution to allow users to compare data between various states

WORK EXPERIENCE

Financial Systems Analyst – Quantcast Corporation   August 2016 – October 2017 | San Francisco, CA
- Implemented a real-time dynamic Tableau financial dashboard linking to an 11-dimension data cube (Essbase), and published to Tableau server for leadership to view with custom VizQl language
- Built and maintained a 5-year long range forecast income and headcount model in Oracle's Hyperion using variable drivers that calculated future projections.
- Deployed a Tax Transfer Forecast model that utilized real-time exchange rate data and financial calculation models to accurately assess the quarterly tax implementations across 7 global regions

Technology Consultant Experienced Associate – PwC   August 2015 – August 2016 **|** San Francisco, CA
- Specialized in Network Infrastructure (Firewall Security) to capture traffic data using FireMon and effectively configure Cisco firewalls with the correct source, destination, and port addresses using Cisco's CLI
- Lead firewall remediation project for a major airline with over 160 Cisco firewalls with a team of 6 and worked with international teams
- Assessed network integrity for a government power plant to effectively prevent cyber attacks and ensure disaster recovery

EDUCATION

- University of California, Berkeley | B.A. Economics, Major – B.S. Industrial Engineering, Minor   May 2015