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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 and published mobile application to the App Store that gathers real time pricing data for 25+ cryptocurrencies using our own backend API endpoints
- Used 30+ React Native components for frontend coin details, charts, and news that allowed maximum code reuse and fast time to market (14 days).
- Utilized MongoDB, Express, and Node to fetch data from Bittrex's API and stored historical data to draw accurate charts
- Created responsive UI/UX for both portrait and landscape view by leveraging D3 visualization library and real-time charting data to generate hourly, daily, or weekly view of cryptocurrencies
- Developed an algorithm with 2 seconds response time to filter out irrelevant information returned from "News" API which resulted in gathering accurate, latest cryptocurrency news when user selects desired 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
- Increased developer efficiency by 20% by leveraging Cloudinary API which resulted in users being able to upload their photos directly to the cloud hosting service and provided the ability for users to utilize the drag-and-drop feature to upload
- Used Rails to keep track of the associations between users and photos which enabled users to organize photos into albums
- Improved UX by designing a responsive web page where photos are displayed on a dynamic grid system that ensures no edge gaps

TopoData | (JavaScript, D3, CSS, HTML)
- Leveraged D3 data visualization library to generate an interactive map of the average and median salary by state across the nation with more than 50,000 data points.
- Applied D3's linear scale to render various shades for each state and allowed users to select the years from 2011 to 2016
- Enabled users to select various states and see the difference between their selected state and the state users hover on

WORK EXPERIENCE

Financial Systems Analyst – Quantcast Corporation   August 2016 – October 2017 | San Francisco, CA
- Implemented a real-time dynamic Tableau financial dashboard linking to 11-dimension data cube (Essbase) and publishing 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 calculate future projections.
- Deployed a Tax Transfer Forecast model that utilized real-time exchange rate data and financial calculation models to accurately assess our 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
- Oversaw firewall remediation project for a major airline with over 160 Cisco firewalls with a team of 6 and work with international teams across the globe.
- 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