Daylan Robert Berry

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Skills

- JavaScript
- Python
- React
- Redux
- GraphQL
- Django
- Node
- Express
- MySql
- PostgreSQL
- MongoDB
- Mongoose
- Firebase
- CSS
- AWS EC2
- Mocha
- Chai
- Jest
- Docker
- Kubernetes

Work Experience

Caesars Digital, *Software Engineer - Frontend*   01/2021 – 01/2025

- Developed the registration and login flows for our main app, integrating biometric authentication for quick login via fingerprint or FaceID. Optimized the user journey for a seamless experience, enabling automatic login when returning to the app or upon launch for users who have enabled biometrics. Users can opt in during registration for a faster login process.
- Created a separate identity verification process for states without the proper licensing to use our existing Know Your Customer (KYC) process, ensuring regulatory compliance. Collaborated with a third-party vendor to integrate their solution into our system under a tight deadline, delivering seamless functionality on both desktop and mobile for customers in those regions.
- Spearheaded the development of the registration process for the Nevada and Puerto Rico apps, introducing an all-encompassing user journey in response to specific, additional requirements. This new process involved users physically visiting designated locations to submit a selfie and identification documents, ensuring a secure and reliable verification process.
- Created the Caesars Sportsbook homesite and landing page by developing reusable components with Next.js and React Context, while ensuring the sites were powered by a CMS for easy content management and updates.

Projects

SuChef, *Recipe Organizer mobile app currently in TestFlight*   01/2025 – Present

- Developed full authentication flow with secure email/password login, email verification, and protected routes
- Built user onboarding experience to guide personalized setup and engagement from first use
- Implemented multi-source recipe capture from social media, recipe websites, image uploads, and manual input
- Allows users to customize existing recipes with suggested prompts and editable fields for personalized variations
- Created dynamic calendar and weekly meal planning views to support user meal prep workflows
- Implemented recipe organization via user-defined cookbooks with searchable indexing for quick retrieval
- Implemented recipe-to-grocery list feature that auto-categorizes ingredients for streamlined shopping

Trader,   2020
Javascript | React | GraphQL | Express | Node | MongoDB | Bootstrap | Passport

- Created an authenticated full stack application allowing users the ability to mimic stock trading through buying and trading funds.
- Stock data is real time so that user performance information is up-to-date allowing them to see how they would've performed in a real life trading scenario.
- Created a convenient buying and selling experience by accompanying the user with search suggestions along with pricing/analysis information about a searched fund. Users are also able to stay up to date with current events.

System Design Capstone,   2019
Javascript | Express | Node | MongoDB | PostgresSQL

- Seeded ten million points of data to both a Mongo and PostgreSQL database in under 10 minutes to test and optimize query times to make them faster and more responsive.
- Stress tested at 3,000 clients per second and improved average latency from 2,073 milliseconds to 78 milliseconds by running 3 Amazon EC2 instances and creating a least connection load balancer.

Education

Hack Reactor, *Advanced Software Engineering Immersive Program*   2019 | Los Angeles

University of Nevada, Reno, *Economics*   2016 | Reno, United States
GPA: 3.96/4.0 Summa Cum Laude