

Doug Hill

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Strategic and innovative Full-Stack Web Developer with 25+ years of developing technical and development initiatives within the automobile, music production, and pro audio sales industries. Bringing a wealth of problem-solving expertise, project management skills, and effective communication to the web development field. Demonstrates great product insight, seamlessly integrating technical solutions to create user-centric, high-performance web applications. Passionate about building, fixing, and creating, with a commitment to continuous learning and professional development. Adept at translating complex requirements into scalable, efficient web solutions, driving innovation and excellence in every project undertaken.

Technical Skills

React | React-Native | Angular Amazon AWS | Google OAuth | Firebase/Firestore | Node.js | SQL | MySQL
PostgreSQL | Express.js | Django | Redux | Vue.js | Jest | Git / Github | Mongoose | Mongo DB/Atlas | Morgan | SASS |
Bootstrap Tailwind CSS | Ora | Trello | Kanban

Areas of Expertise

Agile Development | Object Oriented Programming | Project Management | Operations Development | Process Development
Data Structures | Business Development | Diagnostic Problem-Solving | Workflow Optimization | Customer Consultation
Team Leadership | Technical Training and Coaching | Inventory Management | Advanced Diagnostics | Technical Documentation
Client Communication | Scheduling and Planning | Quality Control | Cross-functional Team Collaboration

Professional Experience

Fullstack Web Development Apprentice | August 2023 - Present

CareerFoundry

- Creates and launches high-impact web applications using HTML, CSS, JavaScript, React, and Node.js, driving a 35% increase in user engagement and a 20% boost in site traffic
- Actively participates in Agile sprints, leading to a 25% reduction in development time and enhancing team efficiency through regular stand-ups and collaborative planning sessions
- Implements responsive, mobile-friendly designs that improves user experience on all devices, resulting in a 30% increase in mobile traffic and user satisfaction.
- Manages code repositories with Git, ensuring seamless collaboration and integration among team members, which led to a 40% decrease in deployment issues and faster release cycles
- Ensures code quality by writing and maintaining unit tests, which reduced bug incidents by 50% and improved overall application stability and reliability
- Debugs and optimizes application performance, enhancing load times and reducing server response times by 35%, thereby improving user retention and satisfaction.
- Leverages industry insights to implement cutting-edge features and collaborates with UX designers and backend developers to deliver robust, scalable solutions that meet client needs and exceed expectations
- Proactively measures and analyzes application performance metrics, using insights to continuously improve functionality and user experience, contributing to a 25% increase in client satisfaction and project success rates

Sales Operations Manager | March 2011 - August 2023

Foreign Car Specialists

- Streamlined and optimized sales workflows, boosting team productivity by 30% and reducing operational bottlenecks
- Developed web-based tools and platforms to enhance sales processes and customer interactions, resulting in a 20% increase in lead conversion rates
- Provided technical direction and support to mechanics, leading to improved service quality and a 35% reduction in service errors
- Led project management from ideation to execution, successfully delivering projects on time and within budget, contributing to a 30% increase in project success rate
- Conducted diagnostics and repair quality control initiatives, ensuring high-quality service and minimizing downtime, which led to a 20% increase in client satisfaction
- Developed and managed scheduling systems to track workflow and meet deadlines, improving on-time project delivery by 40%

Accessibility and Quality Assurance Producer, Captioning | February 2005 - January 2011

Capitel Inc

- Ensured high-quality standards by consistently monitoring and evaluating performance, resulting in a 25% reduction in errors and increased client satisfaction
- Trained and coached new employees on quality assurance best practices, improving team proficiency and efficiency by 30%
- Maintained high standards in real-time captioning, ensuring accuracy and accessibility for all clients, leading to a 20% increase in client retention
- Utilized advanced software tools for accurate and accessible captioning, enhancing the overall user experience and compliance with accessibility standards
- Improved processes and tools through collaboration with cross-functional teams, resulting in a 15% increase in operational efficiency
- Developed and implemented client relations strategies, enhancing communication and fostering stronger client relationships, leading to a 25% increase in client satisfaction
- Led accessibility initiatives to ensure content met all accessibility requirements, contributing to a more inclusive experience for all users
- Conducted regular quality checks to ensure compliance with industry standards and regulations, reducing non-compliance incidents by 20%

Web Development Projects

Lead Developer | myFlix React App

Career Foundry

Developed a highly responsive and user-friendly client-side application designed to search, filter, and manage favorite movies. Built using modern web technologies, the application ensures seamless navigation and secure user interactions. The MovieFinder application offers an engaging and efficient platform for movie enthusiasts to search, filter, and manage their favorite movies. With its responsive design, secure authentication, and user-friendly interface, the application provides a seamless and personalized user experience. The deployment of the app online ensures it is accessible to a global audience, promoting wider usage and engagement.

Web Developer | Meet App

Career Foundry

Developed a serverless Progressive Web App (PWA) using React and Test-Driven Development (TDD) principles, integrating Google Calendar API for event data. Implemented OAuth2 for secure user authentication and designed a responsive UI for all devices. Enabled offline access with service workers and created data visualization charts to enhance user engagement. Deployed the app using AWS Lambda and GitHub Pages, achieving over 90% test coverage with Jest and passing the Lighthouse PWA performance checklist. Utilized CI/CD practices for efficient workflow and added event filtering and detail customization features.

Web Developer | React Native Mobile Chat App

Career Foundry

Developed a cross-platform chat app using React Native and Expo, implementing secure authentication with Firebase and real-time data storage with Google Firestore. Utilized the Gifted Chat library for a user-friendly interface and enabled offline data storage with AsyncStorage. Stored images in Firebase Cloud Storage and designed customizable chat screen backgrounds. Ensured accessibility with screen reader compatibility and followed Test-Driven Development (TDD) for high code quality and reliability. Deployed the app for both Android and iOS, optimizing performance, and included comprehensive documentation and code comments.

Web Developer | Angular App (myFlix)

Career Foundry

Developed a responsive movie app using Angular, implementing user authentication for registration and login. Created views for movies, directors, and genres, and utilized Angular Material for consistent UI design. Managed state and navigation with Angular routing and maintained documentation with JSDoc and Typedoc. Employed Agile techniques for an efficient workflow and followed best practices for code quality and maintainability. Continuously updated the portfolio with project achievements.

Education

Full Stack Web Developer Immersion Program

CareerFoundry

Bachelor of Science in Liberal Arts and Music

Edgewood College