DENIS MOLLOY

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Full-Stack Web Developer

Driven Full-Stack Web Developer and Tech Educator with a passion for React-based front-end development. Over a decade of experience in Project Management, Product Development, and Quality Assurance. Thrives in environments where "wearing multiple hats" is the norm while ensuring technical requirements and product prerequisites are attained. Passionate about learning new technologies, teamwork, and exceeding expectations.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, SQL, GraphQL
Frameworks/Libraries: React.js, Vue.js, Redux.js, Node.js, Express.js, jQuery, Bootstrap, Materialize, Material UI
Databases: MongoDB, MySQL, PostgreSQL, Firebase
Cloud Platforms: Heroku, AWS (S3, EC2, Elastic Beanstalk, API Gateway, Lambda, IAM, CloudWatch, DynamoDB)
Testing: Mocha, Chai, Jest, Enzyme

PROFESSIONAL EXPERIENCE

Self-Employed, Seattle, WA   10/2019 to Present

Full-Stack Web Developer

Design, develop, and deploy informational websites, business applications and API servers.   Work with stakeholders to ensure project deadlines are met, and users have intuitive, responsive experiences. Building front ends using HTML/CSS/JS and React.js supported by back ends built with Node.js/Express.js servers and MySQL databases.

University of Washington Professional & Continuing Education - Coding Boot Camp, Seattle, WA   2/2019 to Present

Substitute Instructor / Primary Teaching Assistant

Instructs, coaches, and supports a cohorts of students taking part in a coding boot camp that starts by teaching web development fundamentals such as HTML/CSS/JS/Git and concludes with students creating full-stack progressive web applications utilizing the MERN stack(MongoDB, Express.js, React.js, Node.js). Leads classroom discussions, algorithm challenges, and guides student inquiries and helps develop critical thinking. Emphasizes the meta-skills and core concepts of software engineering. Supports students in their projects, coursework, and hackathons, while providing feedback and guidance to students to help create outstanding future developers.

Trilogy Education Services, Seattle, WA   12/2017 to Present

Senior Full Stack Web Development Tutor (Remote)

Tutor a roster of over 95 students (700 sessions) taking part in Full Stack Web Development coding boot camps at leading universities throughout the US. Coach students and help unlock their potential in languages and technologies such as GIT, HTML, CSS, Bootstrap, JavaScript, jQuery, Node.js, NPM, Express.js, React.js, Handlebars, Progressive Web Apps (PWA), Firebase, MongoDB, and SQL.

APPLICATIONS BUILT

JJ-PowerData

JJ-PowerData is an inventory and production management single-page application being built for a jewelry manufacturing company. Continually working with the client to understand business processes, incorporate and meet project requirements, fix bugs, implement functionality requests, and deliver an intuitive user experience while meeting strict deadlines. This React.js app allows users to search, create, and manage inventory/job orders, track job history, and generate estimates which can be exported to CSV or printed.

Technologies used: React.js, JavaScript, CSS, Node.js, Express.js, MySQL, Sequelize, Heroku

University Tutoring

Collaborated with stakeholders of University Tutoring to overhaul the company's website. Developed the site using a design provided by the customer using HTML, CSS, Materialize CSS, JavaScript with a focus on responsive design and SEO best practices, along with a Node.js/Express API for handling the contact form.

Technologies used: HTML, CSS, Materialize CSS, JavaScript, Node.js, Express.js, Heroku

Thoughtline

Thoughtline is a journaling app built with the MERN stack that provides users with the ability to compose, archive, and share their thoughts about friends and loved ones. Using the React/Redux front end, users can create an account, store friends (either privately or they can connect with other Thoughtline users in order to share thoughts), compose thoughts about a particular friend, view a timeline of thoughts they've composed, send messages to other users, search through sent or received messages, search for users via email, and send invites to users to join the platform. Users are also able to convert their private friends (i.e. the private friend is not associated with an existing user) to an existing user, replacing the private friend's information with the existing user's information while maintaining all previously composed thoughts. Android/iOS apps are currently in development.
Technologies used: React.js, React Native, Redux.js, Material UI, Node.js, Express.js, JSON Web Tokens, RESTful APIs, MongoDB (mLab), Amazon S3, Heroku, Responsive Design

EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC   2017
The Coding Boot Camp at UNC-Chapel Hill: Full Stack Web Development
An intensive 24-week program dedicated to designing and building full-stack web applications.

University of St. Thomas, St. Paul, MN   1997 - 2001
B.A. Quantitative Methods and Computer Science