Monil Goklani

Austin,TX | 765-237-2176 | monil2912@gmail.com

www.monilgoklani.com | https://www.linkedin.com/in/monil-goklani/ | https://github.com/MonilGoklani

SKILLS

Proficient
JavaScript, Node.js, HTML & CSS, React, Redux, Express, Sequelize, Git, JIRA, Matlab

Familiar
Webpack, Firebase, Mocha / Javascript Testing Frameworks, SQL, Material UI, styled-components

PROJECTS

DOOMBUSTER – Live Demo | Github Repo

- Created a Jukebox party app, which allows users to create and manage a crowdsourced song playlist
- Developed feature which allows user to create rooms, invite friends and add YouTube songs to a queue
- Designed feature that allows users to vote and influence song order in real time
- Implemented front-end design and responsive (web + mobile) view of the app using Material UI

Tools Used: HTML5, CSS3, JS, Node, PostgreSQL, React, Redux, Express, Material UI, YouTube API, Socket.IO

WISECRACKER – Live Demo | Github Repo

- Web game inspired by 'Quiplash' where multiplayers provide answers to questions and vote for their favorite answer
- Built individually as part of a hackathon with the ability to sync and render different views on each player's screen

Tools Used: HTML5, CSS3, JS, Firebase, React, Material UI

GIMMICKS – Link | Github Repo

- E-commerce site built with a team of 4 which sells gimmicks and spoof products
- Implemented Shopping Cart management and persistence features critical to a smooth ecommerce experience
- Developed functionality to allow multiple ways to login/signup and manage and update inventory as admin user

Tools used: HTML5, CSS3, JS, Node, PostgreSQL, Express, React, Redux, Material UI

EXPERIENCE

Technical Project Manager, *Cummins Inc*   Jan 2018 – Present

- Lead IOT integration projects with 15+ telematics companies to help commercialize Cummins digital solutions
- Manage development of customized UI/UX solutions (Web + Mobile) for telematics partner platforms
- Interface with software developers to facilitate API integration and implementation of Cummins SDKs
- Enable OTA software updates on ~2.8M Cummins engines resulting in cost savings of $120/engine per download

Controls Technical Specialist, *Cummins Inc.*   Nov 2014 – Dec 2017

- Managed software development cycle and release process for the Cummins X12 engine controls software
- Worked with 15+ software suppliers to drive defect resolution and new feature development

Senior Validation Engineer, *Cummins Inc.*   April 2011 - Oct 2014

- Developed automated engine feature tests for controls software which helped avoid warranty issues
- Designed and implemented process improvements to synchronize automated and manual tests using Six Sigma tools

EDUCATION

Fullstack Academy, New York   Oct. 2020 – April 2021
Software Engineering: 34-week full stack web development immersive

Kelley School of Business, Indiana University, Indiana   Sept. 2013 – May 2016
Master of Business Administration

School of Electrical and Computer Engineering, Purdue University, Indiana   Sept. 2007 – Dec. 2010
Bachelor of Science in Electrical Engineering – Deans List (GPA - 3.73)