Cedric Orejola

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EXPERIENCE

Software Engineer – DataSlate   June 2020 – Present
- Design & develop full stack applications for clients, while implementing agile methodologies under the guidance of senior software engineers.
- Continually maintain communication with clients on project expectations and timing, while managing team workflow using Asana.
- Developed a full stack quote generator microservice for Frontline Gaming. The UX/UI allows a user to input model kit information based on an internal Warhammer database and upload images for their used model kits. A quote for the model kit is calculated based on the MSRP and product conditions selected from the React UI and stored on a MongoDB Atlas cluster. Completed Form is sent to Frontline Gaming via Email.js. API controllers unit tested with Mocha Chai.
- Developed audio streaming website for HappyYeah! Productions, leveraging the dropbox api to stream mp3 audio files and email.js to directly send an email inquiring about the rights to the track.
- Developed a prototype microservice employee project timesheet application using Angular 10 and PHP/Laravel with MYSQL.
- Developed an open source job application tracking application, utilizing Express.js, Node.js, Vue.js & PostgreSQL with Sequelize.

Software Engineer Contract - EVA – Collective Academy   October 2019 – January 2020
- Participated in weekly stand ups with the client and implemented agile methodology with Trello to track project sprints.
- Delivered a redesigned student evaluation system *EVA* with a new user interface/experience using Vue.js. The redesigned front end integrated seamlessly with the legacy Django/ PostgreSQL backend.
- Successfully added a new user registration feature to the main student portal and set up Dock Containers to run the backend environment.

Assistant Project Manager - Lendlease Construction US, Los Angeles, CA   October 2017 – January 2020
Lendlease Innovation Project - Construction Fire: Prevention & Control Application
- Developed a user-friendly construction fire risk assessment tracking application built using the MERN stack and following MVC architecture. Coordinated the group git workflow using the agile methodology. Utilized mongoose ORM to store survey results & display the current result using D3. Implemented a mobile responsive design using Json Web Tokens to maintain user authentication throughout the session.

8th & Figueroa Project, Oceanwide Plaza Project
- Coordinated the competitive bidding & buyout of the Interior Doors, Frames & Hardware & Telecommunications scope of work.
- Trade manager for the Exterior LED Display Signage & Doors/Frames/Hardware scopes of work. Reviewed monthly subcontractor's trade pay applications & change order logs to verify billed materials & work completed on site. Lead design & coordination meetings with owner, architect & subcontractors.

Project Engineer – Limbach Company LP, Los Angeles, CA   May 2016 – October 2017
LAX – United Airlines Terminal Redevelopment Program (T7/T8), LAX – T2 Systems/Finishes, LAX – IT MPOE
- Review RFIs, architectural supplemental information, and contract drawing revisions to assess the impact to the scope of work and potential change orders.
- Performed heat load analysis calculations using Energy Pro, system layout using AutoCAD, and pipe sizing to assist take-off estimate for design assist efforts during project bidding.

Project Engineer Contract : University of Southern California 'The Village Project', Los Angeles, CA   August 2015 - May 2016
- Built and maintained drawing sets revision history for The USC Village Project using Bluebeam Sets & Studio Projects.

Engineer II: Ship Systems Waterfront Engineering Group, General Dynamics Electric Boat, Groton, CT   June 2012 – April 2015
- Resolved emergent shipyard construction & system testing issues for the Freshwater and HVAC Ship Systems of US Navy VIRGINIA class nuclear submarines.
- Validated ventilation system design calculations for MTS and VIRGINIA Class by performing various AC load, pressure drop and correction factor calculations.
- Developed, evaluated, and validated a 3-D printed modification zone air balance testing equipment.
- Managed the HVAC laboratory, wind tunnel, test equipment inventory and provided engineering test support.

Junior Estimator, Paladin Construction Corporation, Brooklyn, NY   May 2011- May 2012

PROJECTS

HappyYeah! Productions: https://happyyeahproductions.com/   February 2021
- Audio streaming website for Happy Yeah! Productions. Utilizes the dropbox api to stream mp3 audio files email.js to directly email the client.

Velvet Hammer Branding: Timesheet Application: https://github.com/Dangggchris/Timesheet-Proto-FE   November 2020
- Prototype Timesheet application to track hours worked on different projects. Built using Angular10 with PHP/Laravel & MYSQL.

Passive Infrared Cat Litter Exhaust System: https://github.com/corejola/PIR-Cat-Exhaust   August 2020
- Designed a Cat Litter Exhaust system utilizing an Arduino Uno, basic electrical components, a PIR Motion Sensor and a 12VDC fan.

Construction Fire Prevention & Control : https://github.com/corejola/construction-fire-prevention-control August 2019
- Proactive Fire Prevention & Control tool to help teams accurately assess fire related risks during the life cycle of a project..

Velvet Hammer Branding: Tierra Nueva – Coffee Thins Store Locator: https://github.com/corejola/CoffeeThin-StoreLocator   June 2019
- Store Locator web application for Tierra Nueva's Coffee Thins utilizing Google Maps API, lodash, jQuery & custom Velvet Branding API.

EDUCATION/ CERTIFICATION

Full Stack Web Development Coding Bootcamp   March 2019 - August 2019
  UCLA Extension, Los Angeles, CA

Engineer-In-Training (EIT) Certification, New York   October 2011

Bachelor of Science: Mechanical Engineering   September 2007 - May 2011
  New York University: Tandon School of Engineering, Brooklyn, NY
  Morris Young Outstanding Project Design Award: Urban Wind Turbine Senior Design Project

TECHNICAL SKILLS

Git, JavaScript, Python, TypeScript, Vue.js, React.js, Angular10, HTML, CSS, Express.js, Node.js, PHP, Laravel, MySQL, PostgreSQL, MongoDB, Arduino