Maximilian Royal-Eisenberg

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Portfolio: https://maxr-e.github.io/desert-moose

SUMMARY

Driven to learn and improve fullstack engineer with a background in dynamic interconnected systems and customer service and a full stack certificate from UC Berkeley Extension. Creative problem-solver passionate about developing robust apps. Strengths in collaborative teamwork, communication, analytical thinking, customer empathy and building projects from conception to execution to maintenance.

TECHNICAL SKILLS

HTML5, CSS3, JavaScript ES6+, NoSQL, MySQL, MongoDB, Express.js, ReactJS, Handlebars.js, Node.js, jQuery, Redux, Bootstrap, GitHub, WordPress

PROJECTS

Star Gazer | github.com/14chenj92/Stargazers | stargazers-fa0c4ac02f6b.herokuapp.com
- Leader, Back end
- Utilize MERN stack to deliver an app that lets users join a community to explore the night sky.
- Led team with creation of a scalable responsive React app that utilizes user location and time input to generate sky chart and moon phase data with 3rd Party APIs and deliver a social media community where posts can be created and commented on utilizing queries and mutations, with authentication by JWT. GraphQL with a Node.js and Express.js server was used to facilitate the mongoDB and Mongoose ODM database.

Rate my Cow/Giraffe | github.com/maxr-e/group-6-not-null | polar-temple-53244.herokuapp.com
- Creative source, Front end designer
- Demonstrated skill with Node.js and Express.js to create a RESTful API page that allows bovid and giraffid aficionados post images and comment on posts.
- Spearheaded wireframe layout, designed community page using Handlebars.js and guided front-end motifs with Bulma CSS. Created seed data with MySQL and Sequelize ORM.

EXPERIENCE

Freelance Developer   **2023- Present**
Self-Employed   **Remote, USA**
- Remotely connected to client's computer to configure DNS settings for websites.
- Custom-coded WordPress plugins to allow client to dynamically apply translations.
- Improved front-end Red Bull internal restaurant reservation site per client desires.

Water System Inspector II   **2019- 2023**
East Bay Municipal Utility District   **Oakland, CA**
- Investigated abnormal system operation and collaborated in a team of 22 and across several departments while maintaining high attention to details to resolve issues.
- Authored an SOP with technical programming instructions for remote devices, adopting concepts from EBMUD's own ITIL.
- Performed field visits to 300+ customers via customer ticket system.
- Configured LAN/WAN for connection to projectors, printers and other computers.

Meter Reader/Mechanic   **2018- 2019**
East Bay Municipal Utility District   **Oakland, CA**
- Transcribed 2000+ logs of meter data with 99% accuracy.
- Interfaced with and educated customers of diverse demographics on water consumption, conservation techniques.
- Recognized by many consumers for exceptional customer service.

Water Conservation Technician   **2017- 2018**
City of Concord, NH   **Concord, NH**
- Requested instrumentation and software below budget, processed assets into tracking database.
- Presented water conservation information, organize exhibits for schools, expositions and community events.
- Identified a 200gpm legacy leak saving 2% unaccounted-for water waste.

Water Treatment Service Technician   **2016- 2017**
Secondwind Water Systems   **Manchester, NH**
- Programmed, troubleshooted, designed and serviced 100+ digital water systems scaled up to municipal level.
- Educated customers on hydrological system management
- Maintained server coolant equipment for Fidelity Investments Data Center in Merrimack, NH and the potable systems for the Towns of Epping, Raymond, and Bow, NH.

Marine Science Instructor   **2015- 2016**
Marine Science Institute   **Redwood City, CA**
- Educated dozens of K-12 and college classes in remote data collection with programmable robotics, hydrology, ecology and GIS.
- Led pupils on expeditions in San Francisco Bay building confidence and collaborative spirit.

EDUCATION
- Certificate in Full Stack Web Development, UC Berkeley Extension, 2023.
- Bachelor of Science in Biology, California State University, East Bay, 2011.