

Maximilian Royal-Eisenberg
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SUMMARY

Driven to learn and customer-focused full stack web developer with a background in dynamic interconnected systems and customer service. Creative problem-solver passionate about improving customer and client experience through exceptional coding. 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, Bash CLI, Handlebars.js, Node.js, jQuery, Redux, Bootstrap, GitHub, WordPress

PROJECTS

Star Gazer | github.com/maxr-e/star-grazers | ancient-ravine-85592.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
Self-Employed

2023- Present
Remote, USA

- Consolidated WordPress Dashboard workspace for client increasing viewport efficiency by 33%.
- 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
East Bay Municipal Utility District

2019- 2023
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.
- Volunteered for and authored an SOP with technical programming instructions for a new 24/7 chemical pumping plant for a +50MG drinking water reservoir.
- Performed field visits to customers with water quality concerns, and delivered exceptional service by solving issues by leveraging intra-departmental and agency connections.
- Increased reservoir maintenance efficiency by 50% by utilizing mobile APIs and multitasking.

Meter Reader/Mechanic
East Bay Municipal Utility District

2018- 2019
Oakland, CA

- Transcribed large amounts 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
City of Concord, NH

2017- 2018
Concord, NH

- Developed water conservation programs while coordinating administration with customers and departmental staff
- 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
Secondwind Water Systems

2016- 2017
Manchester, NH

- Programmed, troubleshooted, designed and serviced dozens of water systems scaled up to municipal level.
- Educated customers on hydrological system management
- Maintained server coolant water treatment 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
Marine Science Institute

2015- 2016
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.