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Matthias Gattermeier

Technical Skills
Strong: JavaScript, Node.js, Express, Socket.IO, MongoDB, Jade, Git, Linux, Drupal, Chrome Extensions
Experienced: Rx.js, AngularJS, Backbone.js, D3.js, MySQL, Gulp, Grunt, Tape, jQuery, Redis, HTML, CSS, Handlebars

Recent Projects

Oxidizer.io | Fullstack Engineer (Product Owner) www.oxidizer.io
A unified commenting system for the internet. Annotate any website through browser extensions.
○ Designed structure of Node.js / Express API backend and application features
○ Developed chrome extension to load user interface and handle communication with API
○ Utilized Handlebars JS for templating in Chrome Extension
○ Executed application stress tests, configured load balancer and server environment and implemented performance monitoring with New Relic to optimize deployment for scale
○ Implemented SSL for secure https communication and Redis DB for session store of authenticated users

RegEx Challenge | Frontend Engineer
A web app for software engineers to test their skills with Regular Expressions
○ Retrofitted existing codebase with ReactJS, Material UI and Bootstrap to improve user interface
○ Added user authentication utilizing PassportJS and Google OAuth

Videocloud | Backend Engineer
'Soundcloud for videos' - Platform which provides point-in-time commenting for YouTube videos
○ Utilized Socket.IO to facilitate seamless communication between Express server and Angular frontend
○ Implemented Token based authentication strategies for Twitter and Facebook

PoliTweet | Fullstack Engineer
Web app to query which US political party talks more about a specific topic on Twitter
○ Leveraged Twitter API & Govtrack API to fetch relevant data points to be stored in MongoDB
○ Used Backbone.js to manage frontend logic and utilized D3.js for data visualization

Professional Experience

United Nations | Consultant   2014 - 2015
○ Overhauled "UN Constitution Maker," a platform for UN staff that provides constitutional assistance
○ Diagnosed and fixed bugs in custom Drupal modules and MySQL database
○ Optimized user navigation and advanced features for document research functionality

Anti-Defamation League | Social Media Coordinator   2011 - 2015
○ Built social media and outreach strategy and coordinated advocacy efforts for 27 offices
○ Reduced annual expense by $150,000 by moving all regional offices from proprietary CMS and CRM 'Convio' to custom WordPress multi-site infrastructure
○ Planned and maintained the server infrastructure that replaced hosting of web services through Convio
○ Led security response to attacks on ADL's networks and collaborated with US government officials from FBI and NSA in securing ADL's networks

Education
Hack Reactor - Advanced Software Engineering Immersive Program   San Francisco, 2015
MongoDB for Node.js Developers - Certification by Mongo Inc.   New York, 2014
University of Vienna, MA in International Development   Vienna, 2011

Personal
Snowboarding is my source of total bliss and occasionally I enjoy shark-diving. I stand in constant awe over space and universe. Also I co-founded 3 companies, incl. a chocolate company and a tea & coffee house.