Javan Pohl | Full Stack Software Engineer

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OBJECTIVE

Pun-loving former auditor and entrepreneur seeks opportunity to build software that delights users

PROJECTS

Full-Stack Development Capstone | **Collaborated with Agile software development team to develop a full-stack microservice application with React front-end, Express back-end; pixel-perfect replica of AirBnB site**

- Independently engineered the CSS & app logic for a calendar booking module which improves the user interface (UI) by simplifying the check-in/check-out date process; algorithms use N(1) time complexity
- Micro front-end architecture utilizes diverse UI frameworks: Bootstrap, Material-UI, Sass, vanilla CSS
- Coordinated team's efforts to implement React Router in order to synchronize the modules
- Deployed to AWS cloud; scaled to multiple EC2 instances; NGINX load-balancing processed 2,000 RPS
- Configured automated testing & continuous delivery tools (CircleCI) to simplify DevOps workflows

Movie-List React App | **Full-stack React JS responsive web application allows a user to log-in (via Oauth2, authentication), search for movies on 3rd party APIs databases, & save their favorite movies to a list**

- Optimized performance (98 score - Lighthouse) via code-splitting & prefetching & preloading components
- Intuitive, user-friendly frontend user interface utilizes HTML5 & CSS3 web technologies
- Configured Webpack & Babel to deliver Brotli compressed assets which reduced file sizes by 75%
- MySQL database, Express server, & internal backend RESTful API fetch and convert JSON data via Axios
- Use programming concepts DRY, ETC ("easy to change") for high-quality, reusable, testable, efficient code

WORK HISTORY

Code For Denver — Denver, CO
React Front-end Developer - Volunteer   *March 2021 – April 2021*

- Volunteered with team of engineers to fine-tune ADA-compliant COVID-19 webapp
- Responsible for refactoring code: normalize data by enforcing object key standards on incoming API data
- Refactored legacy code for Semiotic data graph visualizations to be more responsive on mobile devices

FixNcell — Westminster, CO
Web Developer / Owner   *October 2014 – Present*

- Developed customer-facing website in startup environment with HTML, CSS, & JavaScript - building new features & creative solutions to: increase customer conversion; make user-experience more intuitive
- Analyze Google Analytics metrics & customer data to measure success of existing growth-oriented features
- Research industry trends & analyze customer behavior patterns to determine new opportunities for growth
- Handled information technology, growth strategy, advertising, marketing campaigns, financing decisions
- Ensured responsive app layout worked on all screens sizes with A/B testing and cross-platform experiments
- Continuously tested thru software lifecycle for cross browser support, SEO, accessibility, & download speeds
- Integrated website with 3rd party APIs to introduce new functionality with appointment booking feature
- Website drove increase in customer acquisitions that resulted in over $250,000 of annual revenue

Department Health and Human Services/OIG/OAS — Denver, CO
Auditor / SQL Analyst   *June 2006 – October 2014*

- Audited compliance of federal healthcare programs by researching healthcare programs related to each audit
- Coordinated on-site audit and exchange of documentation; conducted interviews with employees at all levels
- Performed investigative data analysis on databases (SQL, VBA, Excel); automated scripts for future teams
- Collaborated with team & other departments and writer/editor to write & publish public reports on audit results
- Responsible for the experimental SQL methodology (writing SQL queries) to identify hospitals that qualified for outlier audit, resulting in $71M in recouped payments and $425M in potential savings for further evaluation
- Delivered training presentations on "Professional Skepticism" and advanced Excel use/macros to colleagues

EDUCATION

HACK REACTOR COMPUTER SCIENCE BOOTCAMP – Denver, CO, USA   *February 2021*
   Software engineering immersive program that focuses on full-stack development with React framework

COLORADO STATE UNIVERSITY – Pueblo, CO, USA   *June 2006*
   Bachelor of Science, Accounting; Minor: Computer Science - Computer Information Systems

ADDITIONAL TECHNICAL SKILLS

Technical skills: Git, MongoDB, PostgreSQL, Redux, Node.js, jQuery, ES6+, NPM, Saas, Docker, Next.js