Hitesh Lala

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Technical Skills

Strong | JavaScript, Node, TypeScript, React, CSS, Chai, Mocha, Git, Hg, Less, Gulp, WebPack, Express, Koa, RelaxJs, MongoDB,
Experienced | Angular, jQuery, Vagrant, D3, Socket.io, Backbone, Grunt, Passport, MySQL, Mongoose, Redis, RESTful API, HTML5

Professional Experience

Senior Software Engineer - Medallia - www.medallia.com   Oct 2022 - Nov 2024

- Led feature development by coordinating with product, backend, and frontend teams to align on requirements and ensure delivery across all teams.
- Mentored junior and mid-level engineers providing guidance on best practices and code standards which contributed to higher team productivity and skill development.
- Implemented a comprehensive automated test suite to ensure application quality and stability reducing pre-release manual quality assurance testing time.
- Conducted code reviews to ensure adherence to coding best practices promoting clean and maintainable code.

Software Engineer - Nurx - www.nurx.com   Apr 2021 - Aug 2022

- Implemented new application features after investigating, and writing technical specifications.
- Improved application responsiveness by contributing to application wide refactoring.
- Simplified developer workflows by automating environment setup using custom scripts.
- Contributed to engineering wide efforts to standardize and enforce code quality and consistency.

Cloud Systems Engineer - Leica Geosystems - leica-geosystems.com   2016 - Apr 2021

TruView Enterprise / Cloud - notredame.truview-cloud.com

- Integrated LDAP/Active Directory into the application creating a module incorporating Ldapjs.
- Automated the build process reducing errors and hands on time using Gulp and shell scripts.
- Created tools to streamline processing of language files reducing the hands on time from a couple hours to a few minutes.
- Improved the presentation of 3D markers by implementing a canvas texture map with scaling and color changing.
- Wrote a comprehensive set of API tests (283 of them) using Mocha, Chai, Chai-http.
- Improved and upgraded overall code base to keep it current with rapidly evolving JavaScript standards.
- Implemented the Authorization Code Grant and Resource Owner Credentials Grant of OAuth2 protocol specification.
- Documented all public API endpoints using ApiDoc and published to a documentation site (restapi.truview-cloud.com).
- Provided customer support regarding the use of the SDK.

Cyclone-Cloud - portal.cyclone-cloud.com

- Architected and built the production servers and client apps for cloud infrastructure and microservices.
- Built Alerter module to handle email communications from all infrastructure and deployed service servers.

Software Engineering Projects   hiteshlala.com

- **Symmetry Sketcher** - Symmetric sketcher built using JavaScript, HTML5, and IndexDB.
- **Hexaflexagon Creator** - Hexaflexagon template creator built using JavaScript, HTML5, and IndexDB.
- **Asteroid Game** - A classic game recreated using JavaScript, HTML5, and CSS.
- **Tesselator** - Tool to create tessellated images with or without reflections built with JavaScript, HTML5, and CSS.
- **Bounce The Ball** - Visual simulation of two body collisions built with JavaScript, HTML5, and a custom vector algorithm.
- **Swat The Fly** - An interactive web game built with JavaScript and HTML5.
- **Fractal Exploration** - Web visualization of various fractals using JavaScript, HTML5, and HTML5 canvas.

Education

- **Hack Reactor** | Advanced Software Engineering Immersive Program
- **Athens Technical College** | Associates in Electronics Technology
- **Georgia Institute of Technology** | M.S. in Applied Biology
- **Georgia College** | B.S. in Paleontology