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| ***Gabriel Perry – Frontend Software Engineer***  [***flupe@flupe.com***](mailto:flupe@flupe.com?subject=Regarding%20Your%20Resume) ***- 720-565-1569***  **SUMMARY**  20+ years experienced Software Engineer with a strong focus on web technologies, specializing in Angular/Typescript. Known for analytical thinking, problem-solving, and a passion for writing maintainable and well-documented code.  **PROFESSIONAL EXPERIENCE**  **Uplight – Boulder, CO (3/2024 – 12/2024)**  ***Frontend/Angular Contractor – Zilker Partners***  Frontend software development using Angular/Typescript for [Uplight](https://www.uplight.com), an energy tech company.  ***Technologies Used:*** Typescript, Angular 17, Open API Tools (v2.7), RxJS (v7.8.1), Angular Material, CSS/Sass, Jasmine (v4), Jest (v29), Karma, StoryBook (v7), CircleCI. ***Dev Platform:*** MacBook Pro, Linux, zsh. ***Tools:*** IntelliJ, Chrome, Postman, GitHub, Sourcetree, Jira, Slack, Github Copilot, G-Suite.   * Worked in a fast-paced, highly dynamic and challenging environment rebuilding parts of two Angular applications: **Advisor Porta**l (AP) and **Customer Engagement Portal** (CEP). Features were rebuilt and improved and integrated with a new backend using OAS, Open API Tools. Extensive unit testing. * Feature Rebuild Highlights: Photo Uploader, Photo Gallery, Report Builder Photos, “Clean Energy” Solutions tagging, Green Button Async Data Download. * Learned and used an internal UI components library, data-tables, filtering, sorting results, etc. Many small bug fixes and testing were also performed.   **EIG – Employers Insurance Group, NV (3/2021 – 8/2023)**  ***Senior Frontend Engineer – Cerity***  Software development using Angular/Typescript for Cerity, an EIG technology group who provides an [online workers compensation solution](https://cerity.com).    ***Technologies Used:*** Typescript, Angular 10/11, Nx, NgRx (v8), RxJS, Jasmine, Karma, Cypress, Angular Material, CSS/Sass, Jenkins. ***Dev Platform:***MacBook Pro, Linux. ***Tools:***IntelliJ, Chrome, Git, GitHub, Sourcetree, Jira, Slack, G-Suite, and Microsoft Teams.   * Performed a wide range of engineering tasks including design, new feature development, API integrations (Google Analytics, Braintree, Okta One Inc.), software maintenance, and test development for Cerity’s [Quote Buy Flow](https://quote.cerity.com/quote/name) and[Customer Portal](https://portal.cerity.com/auth/login) Angular web applications. * Operated in a fully remote capacity, using Agile and Scrum methodologies to effectively collaborate with development and testing teams, and business stakeholders located across the United States.   **Project Highlights:**   * Upon joining, I assumed the responsibilities normally held by two frontend developers. For the following year, I navigated solo in the realm of frontend work, swiftly coming up to speed, proactively having a positive impact on the team and product. * I played a pivotal role in transitioning the frontend systems from [Amazon Cognito](https://aws.amazon.com/pm/cognito) to [Okta](https://www.okta.com). * I assumed a central role in orchestrating the migration of Cerity’s frontend payment system from [Braintree](https://www.braintreepayments.com) to [One Inc](https://www.oneinc.com). * Enhanced and restructured Cerity’s insurance purchasing workflow, enabling precise payment tracking via Google Analytics.   **VCA Animal Hospitals, Westminster, CO (9/2018 – 3/2021)**  ***Software Engineer - Camp Bow Wow***  Software development using Angular/Typescript for Camp Bow Wow, a leading doggy daycare and boarding franchise with 150+ locations across the United States.  ***Technologies Used:*** Typescript, Angular 6/7/8/9, NgRx, RxJS, Jasmine, Karma, Angular Flex Layout, Angular Material, CSS/Sass. ***Dev Platform:*** MacBook Pro, Linux. ***Tools:*** PhpStorm, WebStorm, Chrome, Git, Bitbucket, Sourcetree, Insomnia, MySQL Workbench, and Jira.   * New feature and maintenance development in a highly collaborative, fast paced, agile environment. * Significant system refactorizations and improvements: Payments, Invoices, Reports, internal libraries/utilities. * Massive endpoint/API integrations/updates in support of significant database and endpoint/API upgrades. Removing NgRx layer and replacing it with direct backend API calls. * Advocated for the overall improvement of code quality, development processes and (written) communication for the Frontend team.   + Designed a Typescript and Angular programming style-guide which was adopted by the Frontend development team.   + Advocated for and helped the team adopt regular code-reviews using Bitbucket.   + Encouraged the team to write more unit tests, especially for the tricky parts of the code.   + Worked with management to help refine their Agile/Scrum development life-cycle.   + Encouraged dev team to be more disciplined regarding code and process documentation as well as design specs/artifacts.   + Encouraged team to be better with their Jira and written communication: Tickets included proper specs, acceptance criteria, testing tips, etc.   **Allscripts, Broomfield, CO (2/2018 – 6/2018)**  ***Contract Software Engineer – Ambulatory Care (EIS)***  Software development for Allscripts' Ambulatory Care (EIS) division. Development of an Electronic Health Records system called Paragon Clinician Hub (PCH). My work focused on a subset of PCH called Clinical Documentation or "Clin Doc", an app that helps doctors and clinicians take notes using specialized widgets called Observables when evaluating and assessing patients.  ***Technologies Used:*** JavaScript, JQuery, RequireJS, Kendo UI and Sass/CSS. Development in a Windows environment using Microsoft's Visual Studio, TFS (Team Foundation Server), IIS Express and WebStorm.  **Staples, Broomfield, CO (5/2017 – 11/2017)**  ***Contract Software Engineer – Identity Management***  Software development for Staples' **Identity Management, IdM** group. Main focus was developing a middleware layer between an Angular frontend and a Java Microservices backend for a portion of the Staples.com domain using TypeScript, Jasmine and the Express framework.  I worked closely with a team of IdM backend Java developers and helped them get up to speed with Typescript, Node and the WebStorm IDE. I was also a strong advocate for Agile development processes (and testing) and consistently encouraged my team to apply more engineering discipline to their everyday development tasks, code-reviews and planning activities.  ***Technologies Used:*** TypeScript/JavaScript, Node.js, npm, Express, Angular 4, Angular CLI, Jasmine (testing), Java (Spring Boot) Microservices (Netflix OSS), Postman, Swagger, JIRA, Git, BitBucket, Jenkins (CI/CD), and WebStorm.  **Trimble, Inc. – SketchUp, Boulder, CO (2/2013 – 11/2016)**  ***Software Engineer III - 3D Warehouse***  Extensive feature and maintenance frontend development for [SketchUp's 3D Warehouse](https://3dwarehouse.sketchup.com/) using JavaScript and [Google's Closure Tools](https://developers.google.com/closure/). Built numerous GUI components with extensive API calls to the warehouse backend, DOM manipulation/creation tasks, etc.  Middleware development as well, which supported an API-call simulation layer which was instrumental when first developing the new 3D Warehouse when we didn't have a backend! Extensive unit-test coverage/development. Also, provided mentorship to new hires and junior developers.  **Project Highlights:**   * Designed and implemented a Search Results component with support for:   + Query formulation, result-set and query management, advanced user navigation events, infinite-scroll, pagination and film-strips. * Widget/component and new feature development:   + Advanced Search page, a Catalog Browser feature, Advanced Search keyword operator support, a SearchBar widget, a SearchSaver Utility, a Site Header widget, and many other features too. * Internationalization: string extractor/injector utility built in Python. Tool was used by all SketchUp development groups: SketchUp app, Layout, 3D Warehouse, Extensibility, etc.   ***Technologies Used:*** JavaScript, Google’s Closure Tools, JsUnit, HTML, CSS/Sass, Soy Templates, Knockout.js (light), Python, PyCharm, Git, SourceTree, Rietveld (for code reviews), and JIRA.  **PAST POSITIONS, PRIOR 2013**  Prior to 2013, I was doing full-stack development using Java and web technologies. For more specific details about these following positions and the positions above please visit my website at: <https://flupe.com/resume/resume.html>  **Convertis Marketing, LLC - Gunbarrel, CO (10/2008 – 1/2013)** ***Business Applications Developer***  Application/web development, database administration, configuration/build management, and 24/7 production support for Boulder-based Internet marketing company.  ***Technologies Used:*** Java, Struts 1.2.8, Hibernate 3.1, JSPs, JUnit, JavaScript, Apache HTTP Server, Tomcat (5.5.35), MySQL, SQLyog, ANT, SVN, bash shell scripting, Linux, and the IntelliJ IDE.  **Crispin, Porter + Bogusky - Boulder, CO (4/2008 - 10/2008) TextureMedia, Inc. - Boulder, CO (10/2006 - 4/2008)**  ***Application Developer***  Application and web development for Boulder interactive ad agency. NOTE: CPB purchased Texture during my tenure.  ***Technologies Used:*** Java, Hibernate (light), JCatapult/Slingshot (Two in-house proprietary Java web development platforms), JSP/HTML, JavaScript, JSON, Cactus/JUnit, POI-HSSF, MySQL, SQLyog, perl, MS-Excel, Tomcat 5.x, ANT, Maven, CVS, and Subversion (SVN) on Windows.  ***Past Positions Continued…***  **DigitalGlobe - Longmont, CO (2/2004 - 6/2006)**  ***Software Engineer***  New feature and maintenance development using a test-driven development approach for DG's **Customer Front End** team and **Geospatial Commercial Operations**.  ***Technologies Used:*** Java, JSPs, JSTL, Struts, JavaScript, JUnit, JSUnit, HttpUnit, XML (XSD, XSL, JDOM, GML, XHTML), EJBs (Stateless Session Beans, MDBs, XDoclet), App Servers: OAS, OC4J & JBOSS, Oracle Spatial, JTS (Java Topology Suite), SonicMQ, perl, bash & korn shell scripting, Redhat Linux, IntelliJ.  **Time Warner's Interactive Video Group (MystroTV)**  **Westminster, CO (7/2003 – 11/2003)**  ***Software Engineer***  System and build tools development to support MystroTV’s App Server.  ***Technologies Used:*** Java, Ant, RPM, and bash shell scripting within UNIX environments (Linux and Solaris).  **EDUCATION**   * **B.S., Computer Science, 2003** - University of Colorado at Boulder * **B.A., Psychology, 1997** - Naropa University - Boulder, CO * Berklee College of Music, 1991-92 - Boston, MA   **PERSONAL**   * Played guitar with various bands and local musicians over the years with occasional performances and recording projects. * Teach private guitar lessons on/off since 1995. Teach various styles and levels of playing. * Maintain a personal website, [www.flupe.com](https://www.flupe.com/), for fun. Topics include: software development, music, and guitar playing. * Wrote a [lesson series](http://www.flupe.com/lessons/guitar-lessons.htm) about **music theory** and **improvisation** for guitar players. * I continue to write and record original guitar music and songs. Some of my work can be found here: <https://flupe.com/music/music.htm>   ***References available upon request.***  **Revision Date:** *January 8, 2025* |