

FABIO VALENTINO

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Skills

- **frontend [9yrs]** JavaScript, React, Typescript, Redux, css, Styled Components
- **mobile [8yrs]** React Native, Expo, iOS, Android, Kotlin, Redux, GoogleMaps, ThreeJS
- **backend [16yrs]** Node, NestJS, express/koa, Java, Python, Hibernate, ORMs, Ramda
- **UI / UX [7yrs]** knack for design, UXE, spatial intelligence is one of my super powers
- **test [8yrs]** jest, cypress, tdd, cucumber, bdd, pytest, selenium
- **dev ops [4yrs]** docker, gitlab, github, automation, jenkins, kubernetes, linux
- **db [8yrs]** postgresql, supabase, pocketbase, firebase, mysql, mssql, oracle
- **AI / other** claude code, cursor, agile, linux, git, jira, product-centric approach
- **soft** English, Spanish, Portuguese, excellent communication, ideation, DevX advocate

Mobile (React Native)

- **Preserve Montana (2021 - present / Contract)** Lead Mobile Engineer
 - Developed from scratch their Historic Landmarks of Montana mobile application for iOS/Android using React-Native, Expo, Google Maps and Redux.
 - Technical owner of the app's code base, architecture, feature scope plus UX and Design decisions.
- **Google Maps (2023 - 2024 / Contract)** Embedded Sr. UXE Engineer
 - I was brought on to fast prototype for the GoogleMaps designer team using React, Typescript, Google Map API, Spring Animations, Three.js, WebGL, 3D
 - The prototypes were then used to run various studies in large cities in order to speed up the decision process for upcoming changes to the Google Maps app.
 - After satisfactory study's results my prototypes were then passed on to the actual Google Maps iOS and Android engineers to execute and include in their upcoming releases.
- **Audacy (2022 - 2023 / Contract)** Sr. React Native Engineer
 - Audacy is an audio app much like Spotify but with a focus on local radio, and national talk radio shows.
 - I worked closely with designers and product Teams to maintain pixel perfect screens and animations using React Native, Typescript, Styled Components, bluetooth, audio player, streaming, casting for both iOS and Android
 - One of my focuses was in handling Bluetooth audio requests and handoffs at the Android level. This meant that I had to develop for the native bridges using Kotlin.
 - I also developed user-end features such as Continue Listening, Listening Queue, Whats New.
- **Fiduciary Insights (2019 - 2022 / Contract)** Lead React Native Engineer
 - Fiduciary insights is a financial firm that needed help with their mobile app for their Financial Advisors on the go.
 - I worked with the technology director and a QA resource to deliver new features, bug fixes, UI and general updates to both the iOS and Android applications using React Native, Expo, Typescript, Redux and Axios.
 - I also helped increase test coverage using Jest and Snapshot tests.

Web (React)

› **Valentronix LLC [2024 - present / Contract] Lead Software Engineer**

- Sole developer for a Web app to manage a long term vehicle storage / parking businesses using React, Typescript, various API integrations, Node, Netlify, Dockerized Pocketbase DB plus Cypress and Jest for testing.
- I have converted the business into a self-service business and eliminated the need for a Virtual Assistant.
- Created Netlify Node functions to handle all API communications for digitally signed documents, payments via Helcim API, and reserving parking spaces and generating unique gate codes with SpiderDoor.

› **Borrego Solar [2022 - 2023 / Contract] Sr. Full Stack Engineer**

- Borrego Solar is a large solar project feasibility software.
- My focus was on beautifying the UI, tables, graphs and working with the scientist that had proprietary calculations in order to provide correct parameters, data and expected output of various solar panels with large environmental parameters. We used React, Typescript, Ant design, Node, Express, Cypress, Ramda,
- There was a strong focus on condensing / summarizing complex data into more easily digestible visuals.
- I also introduced Cypress automated tests to various teams and worked closely with Product Mgrs. to bake quality into our sprint deliverables and integrated these into our CI/CD pipelines using Github actions.

› **Kroger [2019 - 2022 / Contract] Sr Front End Engineer**

- I was part of the Covid response software team. Creating new tools for Store & District Mgrs. using React, Redux, Typescript, Node, NestJS, Cypress, Kubernetes
- Our software allowed managers a faster and better response to regulation changes, online, delivery, click-list demand changes and even staffing shortages.
- I played key roles in dev & product teams and was part of many design brainstorming sessions.
- I had direct input in designing solutions to make our app mobile friendly.
- I also led hiring interviews, mentored junior developers and lead automated testing efforts

› **Cambia Health [2018 / Contract] Lead Front End Engineer**

- I worked side by side with our Designer to craft beautiful and re-usable UI components for data visualizations in the corporate Health Plan space using React, Redux, Jest, Cucumber and BDD.
- One of my main focuses were in creating React components to accomplish plug and play data visualizations for a Dashboard using Victory as the Data Visualization library
- I also worked very closely with our Product Owner in maintaining realistic roadmaps that encompassed upcoming work, tech debt, performance and overall code quality.

› **Extensis [2011 - 2017 / Employee] Lead Full Stack Engineer**

- Worked on a full Front-End re-write of one of the company's main revenue earning product: Universal Type Server (font licensing server) using Angular 2.
- Our team worked closely with the PO in order to best accommodate our technical needs while addressing customer requests and issues.
- We successfully improved every aspect of our product while working side by side with our Designer and QA Team.
- I had direct impact in improving our automated tests by moving from Selenium to Cypress.

Back End

› **Extensis (2011 - 2017 / Employee) Senior Java Engineer**

- Our team owned both the front and back-end of the Universal Type Server.
- Worked on expanding our offerings and allowing for seamless license tracking of fonts using Java 6, Kerberos, SSO, Active Directory, Open Directory, Hibernate, Spring and allowed various databases to work with our product: MSSQL, MySQL, Postgres.
- Worked closely with support personnel in order to triage and investigate complex bugs for our enterprise level customers.
- I had direct impact to our testing strategy and CI/CD efforts using PyTest, TDD and Jenkins

› **Revelex (2006 - 2010 / Employee) Senior Java Engineer**

- Revelex was a clearing house for Air Travel agencies.
- I focused on all back end communication with various airline booking engines via SOAP and using Java 6, Tomcat, MySQL, Jboss.
- I was Lead developer re-writing various legacy components to accommodate, faster, leaner architecture for drastic minimization of payloads and improved performance.
- I incorporated JBoss Drools in order to avoid re-deploys for fast changes to agencies' promotions. This eliminated many phone calls, emails and sped up the process from days to minutes.

› **ProxyMed (2003 - 2006 / Employee) Senior Java Engineer**

- ProxyMed (later MedAvant) is a large clearing house that handled millions of Electronic Healthcare data transactions daily (Healthcare EDI).
- I was in charge of connecting clinics to our clearing house and translating proprietary EDI into standardized HIPAA X12 transaction formats using Java 5, Oracle, xml, html, css, tcp/ip, linux
- I became lead developer of the Real-time transactions for Patient Eligibility and was eventually promoted to the R&D to help support a new line of business in data.

› **Avisena (2002 - 2003 / Employee) Software Engineer**

- Avisena was a small Software company entering the Healthcare EDI space during the HIPPA deadlines.
- I focused on adding RealTime EDI Transaction capabilities for Patient Eligibility Request and Responses from our customers (doctor clinics) to insurance companies.
- I created mapping capabilities to translate data from XML to X12 using MS BizTalk and which were invoked from our Front End which used Java, Tomcat, MSSql, Xslt, X12

› **IBM (2002 / Co-op Internship) Java Software Engineer**

- Before graduation from FIU's Computer Science program I spent 8 months at IBM's NetVista Team which wrote software to manage large numbers of IBM ThinClients.
- I helped our Software Team with bugs, testing, and even writing production code.
- I worked closely with the various Linux distributions that our ThinClients supported.
- Relied heavily on Unix commands and scripts, TCP / IP, Network Sockets and Data structures using the Java SDK.