

Justin Mandzik

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EXPERIENCE

Salesforce, Principal Member of Technical Staff

November 2021 - Present, Remote

Hybrid-mobile platform development. Designing and building SDKs and tooling to enable customers to build high-performance mobile applications on top of Salesforce.

Leading cross-functional efforts for delivering world-class offline GraphQL experiences on mobile.

TypeScript, JavaScript, GraphQL, Swift, Kotlin, SQLite

Azath LLC, Owner/Operator

September 2019 - November 2021, Remote

Architectural and roadmap consulting for stealth mode SaaS startups. Consulting and services for platform modernization efforts for Fortune 100s.

Charter Communications, Principal Engineer II

April 2021 - November 2021, Remote

Front end application and systems architecture responsibilities for enterprise telemetry and monitoring platform. Leading modernization efforts of multiple desktop and mobile frontend clients and supporting API products. Cross-functional lead position supporting operations, development, and data teams. Regular mentoring and onboarding sessions, driving an empathic culture that ships good software.

React, Next.js, Node.js, GraphQL, Redis, MySQL, Elasticsearch, Go, HBase, RabbitMQ, Kafka, OpenTSDB, Impala, HDFS, Docker

Charter Communications, Specialized Solutions Architect (Contract)

May 2018 - April 2021, Remote

Rollout of large scale production GraphQL APIs and REST APIs (200M requests/day). Architectural consulting across modernization effort for front-end, API, and microservice

TECHNICAL SKILLS

Web / Mobile development
Web application architecture
Progressive Web Applications
API design (GraphQL & REST)
Distributed systems architecture
Public/Private cloud infrastructure
Relational & non-relational data stores
Caching architectures
Serverless architectures
High Availability & Disaster Recovery architectures
Continuous Integration & Continuous Deployment
Microservice / SOA architectures
WebSockets / WebRTC

LANGUAGES

Proficient:

TypeScript, JavaScript (ES3, ES5, ES2015+), CSS, HTML5, SQL, Go, PHP, shell

Professional exposure:

Java, Ruby, Perl, Objective-C, Kotlin, Swift

Hobby exposure:

Elm, Elixir, Crystal, Haskell

FRAMEWORKS & LIBRARIES

React, Next.js, Svelte, Angular (1, 2+), Redux, Apollo, MobX, d3, Highcharts, Socket.io, Elm,

layers. Greenfield React-based Single Page Web application architecture and rollout. Brought a new in-house natural disaster reporting platform from prototype to production that saves \$6m+ per storm; delivered in 40% of budgeted time, at 10% cost, with 50% of headcount.

Systems architecture, API design, and front-end application architecture for mission-critical enterprise application. Modernizing legacy platforms through containerization & orchestration and service oriented architecture rollout. Build out of CI/CD pipelines.

React, Next.js, Node.js, GraphQL, Redis, MySQL, ElasticSearch, Go, HBase, RabbitMQ, OpenTSDB, Impala, HDFS, Jenkins

PayScale, Enterprise Principal Engineer

July 2017 - April 2018, Cary, NC

Architecture and development responsibilities for flagship Enterprise and SMB SaaS products, representing 80% of company revenue for 2018. Steering engineering standards for a geo-diverse group of 30+ engineers.

API design, SPA architecture, service-oriented architecture, load balancing, CI/CD pipelines.

Node.js, GraphQL, REST, React, Redux, nginx, Jenkins. PostgreSQL, Docker

ScienceLogic, Software Engineer IV

February 2017 - July 2017, Reston, VA / Remote

Full stack engineer on greenfield flagship web application.

React, Redux, GraphQL, Node.js

Charter Communications, Principal Software Engineer

September 2015 - October 2016, Herndon, VA / Remote

Lead engineer on a telemetry web-application serving more than 65 percent of employees of a Fortune 100 enterprise

Held a strategic and leadership role for OSS platform integrations, growing a diverse team to 30+ engineers and provided standards steering and technical mentorship

Architected and designed APIs that handled data for 5B+ requests annually

Provided technical leadership for team managing new mobile front-end product

Electron, React Native

Webpack, Flow, Gulp, Browserify, rollup, eslint, Babel

Jest, Jasmine, Mocha, Chai

Fastify, Express, Hapi, graphql-js, Apollo (graphql-tools), node-amqp

MISCELLANEOUS SKILLS

Linux, macOS, redis, memcached, RabbitMQ, MySQL, HBase, Oracle, neo4j, Apache, nginx, Docker, OpenStack, AWS, Google Cloud, git, Subversion, TCP/IP, HAProxy, BigIP, NewRelic, Atlassian (Jira, Confluence, BitBucket), Netcool, Remedy, Jenkins, ansible

Led a pragmatic, product-focused engineering effort to build next-gen telemetry platform

Designed and implemented an organization-wide CI/CD pipeline, reducing production deployment timelines from hours to minutes

Delivered technical presentations at conferences on topics including: HTTP/2, microservice architectures, and version control best-practices.

React Native, React, Node.js, RabbitMQ, HBase

Time Warner Cable, Senior Software Engineer / Team Lead

October 2005 - September 2015, Herndon, VA

Held architectural and development responsibilities, ultimately doubling the customer base

Provided daily direction to local and remote UI & API teams

Planned and executed the sunset of legacy products, reducing technical debt and support burden

Revamped new engineer on-boarding process, reducing time to first commit from several weeks to first day

EDUCATION

Rutgers University, Rutgers College, New Brunswick, NJ — B.A., Economics, September 2000 - January 2005

Certified ScrumMaster — Scrum Alliance License 484611