JON WEXLER

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EDUCATION

🎓 Brandeis University   2009 – 2013
- 🖋 B.S Computer Science
- 🖋 B.S Neuroscience

🏅 Foundations of Data Science   2019

🖋 Quantic MBA   2020 – present

SKILLS

JS JavaScript/Node.js   Expert

VUE Vue.js/React.js   Expert

php PHP   Expert

💎 Ruby   Advanced

Python   Advanced

JAVA Java   Advanced

Rails ❖ Express.js ❖ Nuxt.js ❖ Meteor.js
Jest ❖ Chai/Mocha ❖ Jenkins ❖ Docker
Git ❖ D3.js ❖ Jupyter Notebook ❖ Kafka

Get Programming with Node.js

- ❖ Published February 2019
- ❖ On University reading list
- ❖ Translated and sold in Korean and Japanese
- ❖ Over 5,000 copies sold
- ⑂ Project code on github

Tiny Node Projects

EXPERIENCE

Soon Dating New York   2023 – present
Senior Software Engineer JS VUE
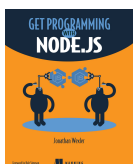
- ❖ Lead new feature initiatives and manage product releases
  - ➢ Iterate user matching algorithms
  - ➢ Implement post-date journaling
- ❖ Implement client-facing React Native APIs and client data consumption for iOS
  - ➢ Build API for event registration
  - ➢ Create backend CMS for admin management of events and attendees
- ❖ Manage product testing and coordinate app version releases to the app store
  - ➢ Oversee Test Flight and Fastlane configurations for device testing
- ❖ Develop real-time push notification and support for dynamoDB tooling
  - ➢ Configure DynamoDB models and integration with AWS lambdas, alongside React Redux store models

Meta/Facebook New York   2021 – 2023
Senior Software Engineer Python JAVA JS php VUE

- ❖ High Messages Per Second, Messenger Project Lead
  - ➢ Modified core Messaging layer to handle new message volumes impacting millions of business accounts a month
  - ➢ Created utility classes to check for messaging volume status for Pages across three protocols: Lightspeed, GraphQL, and Web HTTP deltas
  - ➢ Directed client (iOS, Android, and Web) UI changes to reflect server support for higher volume states
  - ➢ Managed deployment launch and experiments over a target audience of over 100 million Page accounts
  - ➢ Led cross-functional collaboration with Messaging infrastructure teams and organization-wide dogfooding

- ❖ Re-engagement Lists, Server Tech Lead
  - ➢ Led architecture for backend caching, ML integration, and system design for Messenger thread sync protocol
  - ➢ Built new data structures for thread lists in Messenger and a mechanism for updating list contents asynchronously
  - ➢ Managed experiments and launch decisions for top-1000 yielding market business Pages, including three pivots and multiple interactions over launch
  - ➢ Project-managed Android UI and sync changes to display customer messaging threads to re-engage

- ❖ Messenger Chat Entity, Project Lead
  - ➢ Led product design/project management for a highly visible tool to promote business Pages across Messenger and Business Suite
  - ➢ Designed and developed a real-time chatbot tool for partners in business messaging market, Meta's first implementation of Page-to-Page messaging
  - ➢ Extended server User Messaging hook to support Messenger Business
  - ➢ Managed design changes, chat message content discussions, and legal copy

- ❖ Ads Creation/Extension Platform, Server Tech Lead
  - ➢ Led server implementation for ad creation and extension within the iOS and Android Messenger app; project targeting over $100 million revenue gain
  - ➢ Headed experiment for ad creation interface on mobile and web surfaces
  - ➢ Built GraphQL API support for Ad account metadata, including ad demographics, impressions, reach, and payment information
  - ➢ Designed and developed server changes to support duplicating ad content and charging payments to run new ads from the Messenger surface

LANGUAGES

A English   Fluent
א Hebrew   Fluent

GIVING BACK

CodeNation New York   2020–present
❖ Teach weekly coding classes in under-resourced high schools

FIRST Robotics New York   2019–present
❖ Assist app development for STEM robotics competition

Bloomberg Kids New York   2018–present
❖ Design and teach annual day-long technical workshop to employees' children

LLS New York   2017 - 2020
❖ Volunteered 250+ hours to raised $17k+ for research

GORUCO New York   2018
❖ Co-Organized Ruby conference; managed speakers, live stream

Code for Philly Philadelphia   2017
❖ Collaborated with local engineers to build free web resources for the city

Girl Develop It Philadelphia   2016
❖ Instructed multi-day Ruby workshops to promote technical diversity and equity

Little Stars School India   2013
❖ Developed English-learning executable games in Java and created promotional mini-doc

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❖ **Suggested Replies**, Server Tech Lead
➢ Led server implementation of stored Message snippets for business Pages
➢ Implemented new caching tables and sync queue for real-time updates across supported devices

❖ **Suggested As You Type**, Server Tech Lead
➢ Designed ML-driven Messaging suggestions across iOS and Android
➢ Led experiment iterations to change from natural heuristics to ML model
➢ Drove privacy conversations with content designers and legal for use in global markets

❖ **Org-wide Privacy Leader**, Tech Lead
➢ Worked with counsel, to scope projects affected by global privacy laws
➢ Directed seven teams on privacy use cases and project infringements
➢ Designed privacy mitigations for adjacent teams and developed code to mitigate over 50 privacy concerns across the org

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B **Bloomberg L.P.** New York   2017 - 2021

Senior Software Engineer

❖ **Draft Analyzer**, Project Lead
➢ Architected Vue SPA permissioned application to poll Rails API and back-end Spring Boot Java services with an integrated Kafka event system
➢ Integrated ML classification service and corresponding front-end application for dynamic content re-rendering with new document classification results
➢ Reduced Vue app browser memory by 50% (120mb to 60mb) by refactoring Vuex reactivity usage and store getters
➢ Improved legacy browser compatibility with custom JavaScript polyfills and webpacker asset bundle size
➢ Developed initial proof of concept with internal dockerized services for quality assurance testing during development process
➢ Trained and modeled NLP entity extraction library for 100k+ public transactional agreements and 4m+ company names/aliases; presented results to CTO
➢ Led mentorship, on-boarding, and interviewing assignments for my team

❖ **Brief Analyzer**, Front-end Lead
➢ Developed division's first Vue standalone application with Rails integration and file storage backed by Java and ML classification services
➢ Eliminated continuous daily errors on SEC document rendering by rebuilding XML/HTML parsing logic
➢ Developed collaborative-filtering recommendation system for litigation text using Python and Surprise ML library
➢ Led UI/UX implementation meetings for product roadmap/ticket creation
➢ Built internal ML database and notebook versioning PIP package CLI tool

❖ **Fraud Analytics**, Project Lead
➢ Led full-stack fraud analytics Rails/D3 project with dynamic tables, responsive charts, and API integration with Solr aggregated results
➢ Reduced XML styling logic by 60%, improving parsing efficiency by deleting 25% of referenced conditions and methods in document transformations
➢ Architected site-wide permission-driven tour builder for new product walk-throughs using JavaScript and web components

❖ **Litigation Analytics**, Full stack engineer
➢ Refactored print/download Java service to handle new API calls for judge analytics data
➢ Designed custom D3 charts and Polymer component widgets to display dynamic court analytics
➢ Collaborated with services to release ML-backed Points of Law product

Manning Publications New York   2016 - present

Author JS

❖ Publication
  ➢ Support published content in Get Programming with Node.js and Tiny Node Projects
  ➢ Teach Node web development in 34 fast-paced, practical, lessons on how to extend JavaScript skills to write back-end code for the web
  ➢ Manage book forum and coordinate weekly editorial/marketing meetings

❖ Workshops
  ➢ Present quarterly in-person and online Node workshops through Zoom, Twitch, and sponsored meetups in collaboration with Manning
  ➢ Curate code, repos, and tutorials for latest Node and JavaScript best practices

❖ University curriculum
  ➢ Design university curriculum on book contents taught at UC Denver
  ➢ Support content for Brandeis University curriculum

New York Code + Design Academy New York   2015 - 2017

Lead Developer/Academic Director JS ◈

❖ Teaching
  ➢ Led web development intensive course in HTML, CSS, JavaScript, Ruby, and Rails, covering databases, API integration, testing and deployment in Philadelphia, NYC, and Amsterdam, teaching and connecting 100+ students with job opportunities
  ➢ Designed Node intensive course, including code, content, and tasks

❖ Engineering
  ➢ Managed technical hand-off and data transfer to Strayer University as point-person during company acquisition
  ➢ Led agile development team of 4-8 in architecting, building, and deploying Rails application handling enrollment, payments, and site content
  ➢ Developed Stripe-integrated payment system with customizable payment-installment system and round-robin internal sales tool

❖ Management
  ➢ Co-managed Philadelphia coding bootcamp campus
  ➢ Led technical Node workshops in collaboration with local businesses

Logorithms Design New York   2012 - present

Founder/Lead Engineer VUE JS ◈

❖ Architect and deploy an average of two applications a year in Rails and Node, Vue, Nuxt, Express, and React
❖ Built domain reseller service wit integrated API using Node and Express
❖ Design Rails and Node applications with Vue and AWS S3
❖ Manage contractors and remote development team across client projects

Klish Group, Inc. New Jersey   2014

Software Developer JAVA JS

❖   Built components for large-scale corporate websites using HTML,CSS, XML, XSL,
    and JavaScript, and designed database query tools in Java
❖   Collaborated on-site with Wyndham, Visa, and AT&T engineers during
    months-long projects