

# Benjamin Peck

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## TECHNOLOGIES

**Languages:** TypeScript · JavaScript ES6 · Java · Python 3 · SQL · HTML 5 · CSS 3

**Database Systems and Dialects:** T-SQL · PostgreSQL · MongoDB

**Frameworks/Libraries:** NodeJS · Express · Sequelize · Mongoose · React · Vue · Django · Spring · JUnit · Mockito

**Tools:** Git · Maven · Jira · JSON · XML · CodeWhisperer · VS Code · IntelliJ · SQL Server · PostMan · Insomnia

## PROFESSIONAL EXPERIENCE

**Ojje:** Full Stack Engineer

**August 2023 - Present**

- Working across the stack with MongoDB collections, TypeScript/Next.js API, and JavaScript/Next.js/React to form a strong foundation for an early-stage startup.
- Specializing in enhanced search API functionality, utilizing MongoDB's aggregate stages, resulting in robust search features for multiple user interfaces.
- Assisting teammates with debugging, code reviews, and strategy to ensure productivity across the engineering team.

**BizScheduler:** Software Engineer

**July 2023 - Present**

- Integrating cloud storage in order to maximize scalability and performance while minimizing long-term costs.
- Implementing third-party API functionality in a .Net/C# codebase to streamline cloud traffic.
- Presented a variety of solutions based on business needs, allowing management to make fully informed decisions.

**AmeriSave Mortgage Corporation:** Software Engineer II

**June 2022 - May 2023**

- Worked cross-functionally as a top-performing (consistently leading my team in Jira story points completed) full-stack software engineer (Java, SQL, TypeScript, Node, Vue, JavaScript, and ColdFusion) resulting in fully automating vast portions of the underwriting process for a major mortgage lender.
- Led code reviews for core backend Java services, including our primary analysis service and automated data backfilling service, in order to implement best practices from ticket conception to code merge.
- Took ownership of an in-house JavaScript CLI tool that automatically generated SQL scripts for developers, resulting in a time savings of 2+ hours per week per developer.
- Updated data and document parsers in T-SQL and ColdFusion, resulting in automated access to data.
- Collaboratively innovated reusable subanalysis tools, utilizing object-oriented programming principles to minimize duplication, maximize performance, and meet previously unmet areas of business needs.
- Refactored data fields and their uses throughout the entire tech stack, including multiple micro-services and dynamically rendered Vue components, to add function to both underwriter and borrower tools, resulting in streamlined underwriter involvement, and improved and automated communication to borrowers.

**Mr & Mrs Something:** Producer/Musician/Songwriter/Performer/Audio Engineer

**July 2012 - Present**

- Composed, produced, and engineered 7 children's curriculum albums, 3 film soundtracks, 2 commercial albums, 3 additional artists' projects, and numerous other singles and EPs independently and via collaboration.
- Arranged logistics, oversaw budgets, created live arrangements, and performed in a nationally-touring act.
- Created and maintained website, email newsletters, subscription platform, and social media to retain followers, increase engagement, grow the fanbase, and increase active and passive revenue streams.

## SOFTWARE DEVELOPMENT PROJECTS

**November 2021 - Present**

**Good Dad Bad Jokes:** [github.com/benjaminobambino/good-dad-bad-jokes](https://github.com/benjaminobambino/good-dad-bad-jokes)

- Designed and created a jokes web app where users can immediately enjoy existing jokes or sign up to "like" their favorite jokes and contribute their jokes to the database.
- Utilized a NoSQL MERN stack (MongoDB, Express, React, Node) to implement full CRUD (create, read, update, delete) routes for users to create, read, update, and delete their data, as well as read and add likes to other users' jokes.
- Implemented JWT Authorization for a secure user experience and CSS animations for an engaging, fun design.

**Chore Chart:** [github.com/benjaminobambino/chore-chart](https://github.com/benjaminobambino/chore-chart)

- Engineered a product where users can easily keep track of chores for the whole household.
- Utilized Python, Django, and React.js to program a full-stack application with full CRUD operations hitting all REST API calls in a relational Postgres database, including a Django custom user extension with JWT Auth access.

## EDUCATION

<b>General Assembly</b>	<i>Software Engineering Immersive</i>	2022
<b>Azusa Pacific University</b>	<i>B.A. and Certificate of Distinction in Philosophy, minor in Religion</i>	2009
<b>University of Oxford: New College</b>	<i>Studies in Philosophy, Literature, History, and Anthropology</i>	2008