

# Benjamin Peck

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## TECHNOLOGIES

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**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

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**AmeriSave Mortgage Corporation:** Software Engineer II

**June 2022 - May 2023**

- Worked cross-functionally as a full-stack software engineer (Java, SQL, TypeScript, Node, Vue, JavaScript, and ColdFusion) automating the underwriting process for a major mortgage lender resulting in fully and mostly automated loans and minimal human underwriter work required.
- Was a top performer, consistently leading my team in Jira story points completed.
- Led code reviews for several 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 tool that automatically generated SQL scripts for developers, resulting in a time savings of 2+ hours per week per developer.
- 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 to add new functionality to both underwriter and borrower tools, resulting in professional presentation and improved, automated communication to customers.
- Updated data and document parsers in T-SQL and ColdFusion, resulting in automated access to data.
- Created and updated dynamic UI Vue components, providing underwriters easy access to update relevant data.
- Wrote unit tests using JUnit and Mockito and ran end-to-end testing to ensure desired code behavior.
- Exemplified the ability to adapt quickly and thrive in brand-new environments, languages, and frameworks, becoming a go-to resource for my manager, teammates, and project managers.

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

**August 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.
- Booked concerts, 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

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**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 jokes being pulled from the backend database or sign up to "like" their favorite jokes and contribute their jokes to the database.
- Planned each step of the project in Trello, and made an ERD and component hierarchy diagram in Draw.io, resulting in strategically reaching project goals.
- 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.
- Carefully strategized each step by making an ERD, component hierarchy diagram, and plan of attack in Trello.
- Utilized Python, Django, and React.js to program a full-stack application with full CRUD operations hitting all REST API calls in a relational database, including a Django custom user extension.
- Implemented JWT Authorization in Django and React for a secure user experience.

## EDUCATION

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<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