Benjamin Peck

(760) 994-7307 · benjaminlpeck@gmail.com · Seattle, WA · benjaminlpeck.vercel.app · in/benjaminlpeck · github.com/benjaminobambino

I am a full-stack software engineer with a wide background in problem-solving, creativity, versatility, coachability, hard work, ongoing learning, critical thinking, and communication. I maintain a leave-it-better-than-you-found-it approach with all things, particularly in my passions for software, music, and people.

TECHNOLOGIES

TypeScript || JavaScript ES6 || Java || SQL || T-SQL || React || Python 3 || Vue || Redux || HTML 5 || CSS 3 || Django
PostgreSQL || Sequelize || NodeJS || Express || MongoDB || Mongoose || Mongosh || Markdown || RegEx || VS Code || IntelliJ
SQL Server Management Studio || JUnit || PostMan || Insomnia || Postico || JWT Auth || Git || GitHub || GitLab || GitKraken
Heroku || Surge || Netlify || Vercel || Jira || Confluence || Trello || Squarespace || MailChimp

PROFESSIONAL EXPERIENCE

AmeriSave Mortgage Corporation: Software Engineer II   **June 2022 - May 2023**
- Worked cross-functionally throughout the full stack—Java, SQL, TypeScript, Node, Vue, JavaScript, and even ColdFusion—on an automated underwriting software application for a major mortgage lender.
- Contributed product features, tested, maintained, debugged, and conducted code reviews for several backend Java services, including our primary analysis service and automated data backfilling service.
- Collaborated on the innovation of shared subanalysis tools to minimize duplication and maximize performance.
- Refactored data fields and their uses throughout the entire tech stack to add new functionality to both our underwriting-facing automation software and customer-facing borrower portal.
- Navigated a vast database using SQL Server Management Studio for test data and real-time debugging.
- Updated data and document parsers in T-SQL and ColdFusion to improve precision and reliability.
- Added features to database Stored Procedures and Node TypeScript services for enhanced functionality.
- Took on ownership of an in-house JavaScript tool that automatically generated SQL scripts for developers.
- Created and updated dynamic Vue components for underwriters to easily access and update relevant data points.
- Wrote unit tests using JUnit and Mockito and ran end-to-end testing to ensure desired code behavior.
- Plumbed the depths of a legacy ColdFusion codebase to cross-check historic code behavior.
- Utilized object-oriented programming principles throughout to implement best practices.
- Exemplified the ability to adapt and thrive in brand new environments, languages, and frameworks, ultimately becoming a go-to resource for several of my teammates, project managers, and my manager.

Mr & Mrs Something: Musician/Songwriter/Performer   **August 2012 - Present**
- Weaving the soulful passion of blues and rock with the honesty of folk to offer a refreshing taste of hope that feels like coming home.
- Writing, recording, and performing original music to encourage and challenge listeners, while offering a warm, musical hug.
- Booked house shows and other performances that led to touring nationally for several years.
- Writing and producing several film soundtracks and children's curriculum albums.
- Producing and engineering other artists' projects.

Advent Anglican: Director of Music and Liturgy   **June 2020 - June 2022**
- Facilitated the practice of a deeply-rooted liturgical tradition while also introducing new expressions of worship to effectively serve a diverse group of people.
- Built, organized, trained, scheduled, and led teams of music and sound volunteers for remote and in-person collaboration in order to involve those able and unable to meet in person and to better serve the congregation.
- Selected songs, created arrangements, prepared chord charts, directed a team of musicians in rehearsal, and performed music in order for congregational singing to take place seamlessly during in-person services.
- Prepared, performed, engineered, and produced recorded music for remote worship services to better serve those unable to gather in person.
- Planned and oversaw audio production, visual transitions, and service content to provide a service that was easily participatory and engaging for congregants, and clear and accessible for volunteers and fellow staff.
- Created bulletins to allow for greater congregational participation and clarity.
- Continually assessed and improved service flow in order to minimize distractions.
- Met regularly with the staff to evaluate and improve organizational vision and overall effectiveness of different areas of ministry and the people they serve. Met regularly with parishioners for emotional and spiritual support.

Chess4Life: Lead Chess Coach   **March 2014 - January 2017**
- Taught kids life skills through chess in a way that equipped them for healthy relationships, stellar school performance, strategic goal-setting, disciplined thinking, and great chess.
- Ran beginner, intermediate, and advanced chess classes, after-school programs, and camps in order to provide for company and student needs.
- Trained and supervised other coaches in order to ensure best practices that benefit the students and equip the coaches.
- In order to meet demand, developed a robotics camp course that became the model for future camps—trained other robotics coaches to ensure consistent quality, sustainability, and replicability of the program.

Wayne Foster Entertainment: Audio and Lighting Technician   **November 2009 - April 2011**
- Exemplified a "whatever-it-takes" attitude and work ethic to ensure objectives were accomplished.
- Assembled stages and sound and lighting systems with speed and precision.
- Worked as a stagehand and/or lighting technician during performances.
- Solved field problems with teamwork and innovation.

SOFTWARE DEVELOPMENT PROJECTS   November 2021 - Present

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 own jokes to the database.
- Planned each step of the project in Trello, and made an ERD and component hierarchy diagram in Draw.io in order to strategically reach project goals.
- Utilized a NoSQL MERN stack (MongoDB, Express, React, Node) to implement full CRUD routes for users to create, read, update, and delete their own data, as well as read and add "likes" to other users' jokes.
- Implemented JWT Authorization in Node and React for a secure user experience.
- Implemented CSS animations for an engaging, fun design.

Chore Chart
- Engineered a product where users can create an account, join an existing household or create their own, and 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 (create, read, update, delete) hitting all REST API calls.
- Included three Django Models in a relational database, including a Django custom user extension.
- Implemented JWT Authorization in Django and React for a secure user experience.

Creature Collab
- Collaborated in software development with three other team members to build a full-stack web app for mythical creatures to create, host, and attend events. Users can create a profile for their character (be it their gaming avatar, D&D persona, LARP alias, or another mythical creature) and discover events with like-minded characters.
- Maximized collaboration with Git branches, code review, and team debugging to invent, plan, and implement technical decisions, using tools such as Trello to track production and Whimsical for an ERD and component hierarchy diagram.
- Utilized a PERN stack (PostgreSQL, Express, React, Node) to build a full-stack application with full CRUD operations hitting all RESTful API calls.
- Specialized in the SQL/PostgreSQL/Sequelize/Express/Node backend architecture for this project, testing all routes in Insomnia prior to frontend implementation, including three models in a relational database with one as a join table.
- Implemented JWT Authorization in Sequelize and React for a secure user login experience.

EDUCATION

General Assembly
Software Engineering Immersive   2022

Azusa Pacific University
Bachelor of Arts in Philosophy, minor in Religion, Certificate of Distinction in Philosophy   2009

University of Oxford: New College
Study Abroad while continuing studies in Philosophy, Literature, History, and Anthropology   2008