

Jae Young Ahn-Benton

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SOFTWARE ENGINEER

Solutions-driven Software Engineer delivering projects across the full software development lifecycle, working with UX and design teams to support front-end web development, and finding innovative solutions to complex problems in back-end development. Strong collaborator working with cross-functional teams in multiple industries to produce high impact solutions and products. Excellent problem solver with ability to uncover end user needs across multiple platforms, personas, and audiences. A self-starter who has proven experience in leading projects from start to finish. Comfortable working all levels of an organization and supporting team members, senior leadership and stakeholders for product delivery.

TECHNICAL & INTERPERSONAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML, CSS, SQL

Libraries and Frameworks: Express.js, Node.js, React, Django, Bootstrap, Materialize, Tailwind, Flask

Databases and other: MongoDB, RESTful API, JSON, PostgreSQL

Interpersonal skills: Collaboration, Communication, Negotiation, Efficiency while maintaining high quality, Creativity in design, High Customer Satisfaction and Client Retention Rate

TECHNICAL EXPERIENCE

Software Engineer, Fellow | General Assembly

Select Engineering Projects

Software Engineer & Automation Engineer | Automatic Schedule Generator - [IYDV Auto-Scheduler](#)

Technology: HTML | CSS | JavaScript | JSX | React | MongoDB | JSON

Drastically increased efficiency in logistics of a music festival company by completely automating complex daily and weekly schedules consisting of its students, faculty, staff, rooms, as well as custom circumstances that change each of their availability

- Created a central database of all participants of the music festival so that smaller custom databases for each week and day of the festival can be more efficiently managed
- Scripted logic to automate the schedule creation for each participant so that all of their individual daily and weekly needs and requests are fulfilled, so that the need for human trial and error method for schedule creation was completely eliminated, saving the company a significant amount of time and resources
- Built a function to generate PDFs of both the central schedule and individualized schedules tailored for each member; implemented tool with UX / UI principles for ease of use

Database Team Lead | Employee-HR website - [HeyThere](#)

Technology: HTML | CSS | JavaScript | Django | Python | PostgreSQL

A website that allows a company to implement a database of its employees and create a collaborative online environment.

- Worked as the database lead in a team of developers, where the majority of the work was from the backend, such as creating models, ensuring Django and PostgreSQL are communicating properly, and connecting to both the Ticketmaster and the Google Maps API, the data of which was handed off to be displayed on the frontend
- Collaborated with other developers to ensure differing functionality for different types of users: employees may view relevant events, leave memos, and make PTO requests; employers/managers may create, edit, update, and delete employee information, as well as approve or deny PTO requests

Web Developer | Business website - [ERIII](#)

Technology: HTML | CSS | TypeScript | TSX | React | Node.js

A professional business website that incorporates high-level UX/UI principles that features the client's wishes and needs, as well as ensuring the ease of use and experience for the end-user.

- Developed a well-balanced and responsive website, balancing coherent organization of given data and files with creative design
- Projected to increase client's online presence and professional engagement in client's field by 25% in the first year

Realtor, Berkshire Hathaway HomeServices, Nevada Properties

Las Vegas, NV, 01/2019 - current

- Generated over \$5M in sales volume by working with various home sellers, buyers, and tenants and representing their best interests during transactions
- Negotiated prices and contractual terms to always serve the best interests of nearly 50 clients

Composer & Pianist

Las Vegas, NV, 08/2010 - current

- Collaborated with over 900 clients and provided accompaniments for various events
- Maintained a high client retention rate based on 100% customer satisfaction over 13 years
- Honed the ability to handle a large amount of work in a short amount of time while maintaining great quality of work

EDUCATION

Software Engineering Certificate, General Assembly

Remote, Certificate: 03/2024

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

OpenEDG Entry-Level Python Programmer

Remote, Certificate: 08/2023

Self-paced course on fundamentals of the Python language, focusing on terms, logic/structure, operators, data types, I/O operations, control flow, data collections, functions, exceptions/errors, and essentials syntax, semantics, and runtime environment.

Bachelor of Fine Arts, University of Nevada, Las Vegas, with emphasis in Music in Piano Performance

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