

Benjamin Hilliard

Senior Software Engineer

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Summary

I'm a software engineer proficient in building and scaling complex web apps and e-commerce platforms, prioritizing software quality, performance, and long-term maintainability. I'm dedicated to helping others and excelling in collaborative team environments. I'm a big advocate of continuous improvement and value ownership and responsibility. I worked closely with all project stakeholders to design and deliver technical solutions, enhancing products and user experiences

I love kids and am passionate about contributing to society. I volunteered for Give Lively to help build fundraising platforms for non-profits such as the Malala Fund and the OUT Foundation, and for Tarjimly to develop their mobile translating app. Best respects and regards to Atif Javed, Malala Yousafzai, and the founders of Give Lively

PROFESSIONAL SKILLS: PROGRAMMING LANGUAGES (JAVASCRIPT, TYPESCRIPT, PYTHON, JAVA), TESTING, DATABASE, CLOUD SERVICES, DEVOPS, VERSION CONTROL

Experience

Senior Software Engineer

IBM iX

Oct 2021 – Present

- Worked on enterprise projects: IBM's new sales platform, e-commerce platforms, and a digital assistance service with scheduling capabilities
- Developed a seller pricebook and user-centric React frontend application, optimizing user interface and experience for product searching
- Completed an urgent project with a tight deadline, successfully launching the e-commerce platform in 3 weeks using Salesforce Commerce Cloud
- Built a digital assistant service for a telecommunications company that includes AI voice chatting and scheduling capabilities integrating OpenAI, Dialogflow, and Genesys Multicloud CX
- Rebuilt the legacy e-commerce platform with modern technologies like React, and Python/FastAPI, and improved SEO and search functionality using Next.js and Algolia

Senior Software Engineer

Education Advanced

Oct 2020 – Sep 2021

- Developed a master scheduling and staff planning platform that maximizes teaching staff utilization to 90%, utilizing expertise in React, Node.js, and Amazon Web Services
- Collaborated closely with students and teachers to gather constructive feedback, enhancing the platform to meet and exceed their requirements
- Implemented real-time data updates, integrated with major SIS platforms, and built APIs to connect various education tools

Software Development Engineer | L3, L4

Google

Apr 2018 – Sep 2020

- Worked as a member of Google for Startups, helping startup companies grow and succeed in their journey with Google's products and tools
- Consulted on the development of a hotel management platform, helping them build web and mobile apps and backend infrastructure using Angular/Angular Dart, Node.js, PostgreSQL, and Google Cloud Platform
- Helped a retail company to improve their supply chain and customer experience through advanced data analytics and AI leveraging Google Cloud

Software Engineer

Zappos

Jul 2016 – Dec 2017

- Add new features and enhanced visualization on the integrated logistics system, leading to better inventory management and reduced delays
- Migrated the e-commerce platform from jQuery to React/Next.js and Java improving SEO, and enhanced the search engine using AI and Amazon Web Services
- Worked closely with cross-functional teams and built a Python-based context that provides APIs for integrating the AI search engine

Software Engineer

PayPal

Oct 2015 – Jun 2016

- Worked on travel and rewards, which provides services like booking hotels, resorts and flights, and reward points in return
- Added new features to PayPal's legacy React/React-Native based web and mobile applications
- Built RESTful webservices using Spring Boot, Spring Security, Spring Data JPA, and Hibernate

Education

Bachelor's in Computer Science

New York University

Apr 2011 – Aug 2015