

Ishaan Puri

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL (MySQL), HTML/CSS, Kotlin

Technologies: React, Flask, React Native, Docker, MongoDB, Git, Bash, Hibernate, Auth0, AWS, JUnit

EDUCATION

University of Washington - Seattle, WA

Bachelor of Science in Computer Science

Expected Graduation: June 2024

GPA: 3.6 - Dean's List

EXPERIENCE

Software Engineering Intern | ChartHop

Summer 2022

Remote

- Tech Stack: Typescript, React, Kotlin, MongoDB, Material UI
- Implemented Hot Keys based on client feedback using contexts and memoization; reduced navigation time by 200%
- Redesigned and coded global search functionality with additional filtering, sorting, and more privacy; increasing search speed by 10%
- Deployed many technically complex UI components that required strong understanding of React such as a permission based read only button and Global HotKey Dialog
- Fixed API which removed duplication when fetching a user's social links.

Undergraduate Research Assistant | UW Makeability Lab

October 2021 – March 2022

Seattle, WA

- Tech Stack: JavaScript and HTML/CSS
- Handled and processed 1000+ new sidewalk validations weekly.
- Owned core feature within Sidewalk Gallery regarding tagging images based on user input/validation
- Created brand new footer component using an updated UX design mock up and new sponsors.

PROJECTS

Baseball Stock Prediction | Python, Flask, MongoDB, React, JavaScript, Auth0, AWS, Postman, MLB Stats API

- Built a platform for baseball fans to trade player stock based on their in-game performance
- Utilized REST API's in Flask to preform CRUD operations and reduce latency by 40%
- Used MongoDB database to preform quick queries and to store 6+ collections containing 10,000+ database documents
- Organized, categorized, and reprocessed data from MLB Stats API whilst testing and retrieving the data using Postman
- Integrated Auth0 to handle scalable user authentication
- Created AWS Cloud and Lambda Functions to power backend

Colley | TypeScript, React, Kotlin, Spring Boot, HTML/CSS, MySQL, Docker, Hibernate, Material UI

- Built a platform for prospective students to view crowd-sourced data provided by past college applicants
- Engineered custom REST API's in Spring Boot and Kotlin to preform CRUD Operations to collect user input and display advice for 60+ colleges and provide 200+ data points
- Implemented many JPA interfaces and custom entities to cut commonly used API payload's by 30%
- Designed and executed a Repository-Service architecture to model, read, and write data to a MySQL database running in a Docker container.
- Used modern React practices and Typescript to optimize rendering, improve data flow, and eliminate bugs

Spogo | React, React Native, Redux, HTML/CSS, Firebase Firestore, Firebase Authentication

- Developed a shareable link-in-bio used by over 30 athletes to help athletes monetize off their name and likeness
- Placed in the top 10% in Y Combinator's winter 2022 batch and generated investor interest
- Queried Firestore's noSQL database to fetch a user's profile information based on parsing profile URL.
- Implemented User Authentication and Google Maps API.
- Published a companion app in React Native to Apple TestFlight