ASHMIN BHANDARI

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EDUCATION

Ramapo College of New Jersey   Mahwah, New Jersey
B.S. in Computer Science, 2020
Awards: Presidential Scholar, Dean's List
Coursework: Machine Learning, Big Data, .NET Environment, Database Design, Web Apps, Algorithms

SKILLS

Languages: C++, Java, Python, Javascript, GraphQL, SQL, HTML, CSS, Linux Shell Scripting
Server-side Frameworks: Node.js, Express.js, Flask, .NET
Client-side Frameworks/Libraries: ReactJS, React Native, Angular, Bootstrap, jQuery, SASS, AJAX, MobX, Redux
Database Systems: PostgreSQL, SQLite, MongoDB
Data Science/ML: TensorFlow, NumPy, Scikit-learn, Keras, Matplotlib, Pandas, Jupyter
Deployment: Docker, Git, Heroku

EXPERIENCES

FightPandemics — Full Stack Engineer — Remote   August 2020 - Present
An altruistic platform to connect those who need help with those who can provide it.

- Collaborate with global team of engineers, product managers and other stakeholders (e.g. UX) to maintain high bar for quality in fast-paced iterative environment
- Develop features and improvements to FightPandemics product in secure, well-tested, and performant way.
- Take ownership of complete life-cycle of product features from planning to implementation to testing to production.
- Craft code that meets internal standards for style, maintainability, and best practices for high-scale secure web environment. Maintain and advocate for standards through code review.
- Currently, pushing towards global launch targeted for 21st of September, *World Peace Day.*
- *Tech Stack:* Node.js, MongoDB, Auth0, Google Maps API, React, Redux, Fastify, Figma, Zeplin, HTML, CSS, Git, Docker

openCircle — iOS Application Developer — 🅐 App Store   April 2020 - June 2020
Music discovery platform that allow users to broadcast as well as discover listening information

- Took charge of complete life-cycle of application from planning to implementation to testing to production with performance, efficiency, and scalability as core engineering goals.
- Architected and implemented secure back-end **REST**ful API in **Node.js** (**Express.js**) to facilitate online user connections, session management, and real-time (simulated) data updates through **Spotify API** connection (e.g. user's currently playing, recently played, top tracks, top artists, etc.).
- Integrated Spotify's authorization flow with **passport.js** local authentication strategy to securely authorize and authenticate users as well as added reset password and other email based communication features through **SendGrid** API integration.
- Tested application thoroughly before BETA releasing to Apple's **TestFlight**. Later, published client on **iOS** Apple App Store. Deployed server to Heroku and database to **MongoDB** Atlas.
- *Tech Stack:* React Native, Node.js, Express.js, Spotify API, Google Maps API, SendGrid API, MongoDB, Heroku, MobX

Takeo.AI — Software Engineer Intern — Queens, NY   August 2019 - December 2019
AI, Cloud Implementation and Technology Consulting

- Designed, developed and tested new employee portal product to track and manage employees, jobs and applicants.
- Implemented fully responsive employee dashboard feature using **React**, **CSS** and **Redux**
- Took initiative to spice up UI/UX by integrating react-spring, spring-physics based animations library
- Solved issues, tickets and bugs for client-side as well as **REST**ful **Spring Boot** back-end.
- Proactively participated in daily scrums and stand-ups to maintain sprint progress and development agility.
- *Tech Stack:* React, Redux, HTML, CSS, Spring Boot

Ramapo College — Technology Assistant   August 2017 - November 2019
Information Technology Services

PROJECTS

Five Crowns — 🎮 Windows Console (C++) — Android (Java)— Windows with GUI (Python and pygame)
Multiplatform implementation of Five Crowns, a multi-player card game featuring versus AI

Draw Together — 🎮 Github — ▶ Demo
*Real-time collaboratory drawing application made using **socket.io***

StoryTweets — 🎮 Github — Ⓜ Medium Article
*Bot to automatically push your Twitter tweets to Instagram stories, made using **Selenium** on **Python***