

ASHMIN BHANDARI

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EDUCATION

Ramapo College of New Jersey

Mahwah, New Jersey

B.S. in Computer Science, 2020

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: ReactJS, React Native, Angular, Bootstrap, jQuery, SASS, AJAX, MobX, Redux

Database Systems: PostgreSQL, SQLite, MongoDB

Data Science: TensorFlow, NumPy, Scikit-learn, Keras, Matplotlib, Pandas, Jupyter

Deployment and Others: Docker, Git, Heroku, Kanban, Selenium

EXPERIENCES

Full Stack Engineer — FightPandemics — *Remote*

August 2020 - Present

Altruistic platform to connect those who need help with those who can provide it.

- Collaborating with global team of engineers, product managers and other stakeholders (e.g. UX) via Zoom stand-ups daily and Slack to push priority features such as private messaging, avatars, and COVID-19 symptoms checker planned for global release.
- Leading avatar/profile pictures feature as engineering lead. Solely wrote front-end code and made key decisions on scalable back-end infrastructure involving AWS technologies such as Lambda, S3, and SQS.
- Crafted clean code with emphasis on style, maintainability, and best practices for high-scale secure web environment. Maintain and advocate for standards through code review.
- *Tech Stack:* Node.js, MongoDB, Auth0, Google Maps API, React, Redux, Fastify, Figma, Zeplin, HTML, CSS, Git, Docker

iOS Application Developer — openCircle — [App Store](#)

April 2020 - June 2020

Music discovery platform that allows users to broadcast as well as discover listening information

- Managed 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 RESTful 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. currently playing, recently played, top tracks).
- Integrated Spotify's authorization flow with passport.js local authentication strategy to securely authorize and authenticate users. Added reset password and other email based communication features through SendGrid API integration.
- Tested application thoroughly before BETA releasing to Apple's TestFlight and later published client to 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

Software Engineer Intern — Takeo.AI — *Queens, NY*

August 2019 - December 2019

AI, Cloud Implementation and Technology Consulting

- Designed, developed, and tested employee portal product per employee on-boarding requirements together with a lean team in rapidly growing start-up environment.
- Implemented core employee dashboard feature using best CSS practices for responsiveness and design as well as implemented supporting Spring Boot back-end infrastructure.
- Enhanced UI/UX by integrating react-spring, spring-physics based animations library.
- Proactively participated in daily scrums and stand-ups to maintain sprint progress and development agility.
- *Tech Stack:* React, Redux, HTML, CSS, Spring Boot

Technology Assistant — Ramapo College — *Mahwah, NJ*

August 2017 - November 2019

Information Technology Services

- Leveraged automation using shell-scripts to streamline an otherwise time and labor consuming campus-wide OS installation process.
- Ensured smooth day-to-day functioning of technology across campus by healing ail points.
- Facilitated friction-less creative throughput by acting as go-to person for assistance with software's such as Logic Pro X, Pro Tools, Photoshop, and Lightroom for art students. Ensured creative quality through perfect color calibration and state-of-art printing.

PROJECTS

Five Crowns — [Windows Console \(C++\)](#) — [Android \(Java\)](#) — [Windows with GUI \(Python and pygame\)](#)

Multi-platform implementation of Five Crowns, a multi-player card game featuring versus AI

[Other Projects](#)