

# ASHIMA SHRIVASTAVA

## CONTACT

ashima.shrivastava02@outlook.com

linkedin.com/in/ashimashrivastava

github.com/ashimashrivastava

15121 126<sup>th</sup> Ave NE, Woodinville, WA 98071

206-536-4678

## EDUCATION

### Western Washington University

Master of Science in Computer Science, March 2021

### Rajiv Gandhi Technical University

Bachelor's in Computer Science, June 2017

## SKILLS

JavaScript, Python, React.js, Redux, Vue.js, C++, Node JS, Json, HTML, CSS, SQL, TypeScript, RESTful services

Data structures, Algorithms, Version Control – Git, Prototyping - Adobe XD & Axure, Agile Development Process, Unit Testing, AWS, Unity, Android, Web development, Database, Software engineering and project management

## EXPERIENCE

### Graduate Teaching Assistant (Masters) – Western Washington University (Sept 2019 - Present)

- Responsible for teaching & supervising more than 70 under graduates since last 1.5 years with coding and conducting lab sessions in various languages like C++, HTML, CSS, JavaScript & Python.
- Assist professor in the following subjects: Data Structures, Algorithm, and database management system. Manage and facilitate discussions explaining target concepts to students( 60 students on average) and solving their doubts.

### Front-End Engineer Intern – Western Washington University (May 2019 – Sept 2019)

- Designed and developed multiple university websites including student business account site, associated students, student government using React.js, Node, restful API for front-end and Adobe CC for designing.
- Implemented additional features on existing projects on Django using Python.
- Worked with siteimprove accessibility team of Washington State and made the entire Viking Union website(WWU student website) community 99.05% accessible.
- Lead and managed the intern team and assigned individual task received from team manager and delivered the projects before the time frame.

### Software Development Engineer (Front End) - Netlink Software Group America Inc(Jan 2017 – Aug 2018)

- Developed and worked on Business Intelligence tool for 2 years including internship in the same team on both web and mobile interface (hybrid application Android & IOS).
- Implemented various features in the BI tool such as data visualization into graph and charts which involved their growth, personalizing their data by various tools adding annotation and special features varying according to client needs helping them increase revenue by %80.
- Worked intensively using JavaScript, Node.js and Vue.js for the development and followed agile procedure for development cycle and client communication & feedback.
- Being a part of a team with 21 members working on the product, I learned team collaborative working along with management skills.

## RESEARCH & PROJECTS

- **Research Assistant: "Towards Overcoming Anxiety and Stress of Young Adults with Autism"** In this research, we developed participant-centric interventions (mobile application) for assisting autistic young adults in addressing their anxiety and stress during Covid-19. Conducted extensive research leading 4 under graduates is span of 2 years. Published a research paper at Grace-Hopper 2020 for the same as first author and in upcoming international conference – Asset 2021.
- **Amazon:** For university hackathon, built an e-commerce website - demo of Amazon ( full stack ) with React.js and context API in react along with user authentication and used google firebase. Programmed functionalities including accounts & login page, product page, cart & checkout page, real payments, order history and deployed the application. Received a huge recognition for this application and received cash prize in form of scholarship.
- **A Second Life:** Developing a responsive web-based solution using HTML, CSS & Vue.js incorporating HCI to encourage sustainable behavior by providing ways for upcycling household waste and providing donation option to the users along with educating them for better waste management.
- **Virtual Reality:** Developed a VR application using Unity and C# to provide better environment to people in Hospitals.