

ASHIMA SHRIVASTAVA

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EDUCATION

Master of Science in Computer Science

Western Washington University, WA, USA, March 2021

Bachelor's in Computer Science

Rajiv Gandhi Technical University, India, June 2017

SKILLS

Languages - JavaScript, Python, React.js, Redux, Vue.js, Node.js, Json, HTML, CSS, TypeScript, RESTful API, SQL, C++

Technical Skills - Object Oriented Design & Concepts, Data structures & Algorithms, Front End Methodologies, WordPress, Prototyping - Adobe XD, Sketch, Version Control – Git, Responsive Design, Agile Development Process, AWS, Android & iOS Hybrid Application

EXPERIENCE

Front End Developer & Researcher – Western Washington University (May 2019 - Present)

- Designed and developed university website lost & found page which got approved and is on the official WWU site and worked on existing university pages 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 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 work as a team before the completion of every sprint.
- Conducting extensive research with the CS department on optimizing the user interface and how to keep the user engaged with the help of Frontend and UI UX technologies.

Graduate Teaching Assistant (Masters) – Western Washington University (Sept 2019 – April 2021)

- Responsible for teaching & supervising more than 70 under graduates since last 2 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(over 70 students) and solving their doubts.

Software Development Engineer (Front End) - Netlink Software Group America Inc (Dec 2016 – Aug 2018)

- Developed and worked on Business Intelligence tool for over 2 years including internship on both web and mobile interface (hybrid application Android & IOS).
- Implemented various features in 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, Vue.js and highCharts.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

- **“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 undergraduates in a span of 2 years. Published a research paper at Grace-Hopper 2020 for the same as first author and in the upcoming international conference – Asset 2021.
- **Lost & Found:** Designed and developed university lost & found official website using Adobe XD and React.js which got selected for the official WWU website and– *Check it out!*
- **Amazon React Version:** Developed an e-commerce website (Amazon clone) in a coding challenge using React.js and context API in react & react routers along with user authentication. Functionalities including accounts & login page, product page, cart & checkout page, real payments, order history and deployed the application.
- **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.