Ashima Shrivastava

Front End Software Engineer

Ashimashrivastava.github.io/my-work/

WORK EXPERIENCE

Front End Engineer

Pantheon Systems, Inc., USA   Sept 2021 – Present

- Developing a cutting-edge React-powered cloud WebOps platform for our 100+ customers and web professionals, integrating innovative patterns while addressing real-time interface challenges for concurrent team operations.
- Collaborated with the design team to develop a React-based UI system in Storybook, accelerating development and ensuring consistent, high-quality interfaces.
- Working closely with backend team to integrate new GraphQL queries, enhance existing ones, and architect robust schemas.
- Managing the transition from a legacy Backbone application to React, achieving a 30% load time reduction, improved user experience, and 15% fewer bug reports.
- Partner with the product team to innovate and enhance features, improve performance, accessibility, responsiveness, and API design, while incorporating agile methodologies and utilizing Git for cloud-based code management.

Front End Developer & Researcher

Western Washington University, WA, USA   Sept 2019 – Sept 2020

- Engineered our university website used by 1000s of students integrating student business accounts, services, and government functionalities using Django (Python), React.js, Node.js, and RESTful APIs for front-end, with Adobe Creative Cloud for design.
- Collaborated with the Washington State siteimprove accessibility team, achieving 99.05% accessibility for the WWU student community website.
- Led a team of 5 interns, delegating tasks and ensuring timely delivery each sprint using agile principles
  Graduate Teaching Assistant (Masters) (April 2019 - March 2021)
- As a Graduate Teaching Assistant, instructed over 70 undergraduates in HTML, CSS, JavaScript, and Python over 2 years, including coding and lab sessions.
- Assisted professor in teaching the subjects of Data Structures, Algorithms, and Database Management Systems.

Software Development Engineer - Front End

Netlink Software Group America Inc   Feb 2017 – Aug 2018

- Developed a Business Intelligence tool featuring both web and hybrid mobile interfaces (Android & iOS), utilizing JavaScript, Node.js, Vue.js, and HighCharts.js extensively in the development process.
- Implemented BI tool features like data visualization, annotation, data integration, and ad-hoc reporting, increasing client revenue by 80%
- Gained valuable experience in teamwork and communication within a big 21-engineer team, adhering to agile methodologies for development and client feedback.

RESEARCH

Human Computer Interaction - Conducted extensive research on optimizing user understanding in website and software design, resulting in gaining deeper knowledge in user interfaces and a published paper. Additionally, designed a mobile app to support autistic individuals during COVID-19, leading a team in research that was published at Grace Hopper 2020 and presented at Asset 2021.

EDUCATION

Masters of Science
Computer Science
Western Washington University
WA, USA, March 2021

Bachelors of Science
Computer Science
Rajiv Gandhi Technical University
INDIA, June 2017

SKILLS

Languages & Frameworks :
- Javascript
- React.js
- HTML
- CSS
- Typescript
- GraphQL
- Node.js
- Vue.js
- Redux
- Python
- RESTful API

Design & Prototyping :
- *Figma*
- Adobe XD
- Responsive Designing
- UI UX Principles

Technical Skills :
- *Git Version Control*
- *Single Page Application Development*
- SaaS Application Development
- Object Oriented Design & Concepts
- GCP Cloud
- Agile Development Process

CONTACT

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