

Ayushi Vishwakarma

SOFTWARE ENGINEER

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🌐 <https://github.com/Ayushi96>

🌐 <https://www.linkedin.com/in/ayushi-vishwakarma/>

A dedicated software engineer with 5 years of experience in the IT industry, specializing in front-end development. Proficient in HTML, CSS, JavaScript, Angular, Redux, and RxJS. Seeking to leverage my technical skills and domain expertise to contribute to the innovative tech goals of a leading product-based company.

Experience

GE Healthcare | Software Engineer

AMS Central Viewer v1.1

Dec 2020 - Present

- Developed UI features and functionalities for a next-generation real-time monitoring viewer using Electron and Angular.
- Extended the application to support dual display using the Electron framework implementing complex IPC.
- Added general and performance logging, improving application monitoring and debugging.
- Identified and mitigated application failure modes and resolved numerous bugs through deep code analysis and testing, enhancing reliability and performance.
- Achieved near 100% unit test coverage using the Jest framework for Angular components, services, and utilities.
- Created release pages for project milestones and detailed design documents to facilitate pan team knowledge transfer.
- Implemented UI layouts and ensured ES6 compliant code with no ESLint errors or Coverity defects.
- Worked within a Scrum team adhering to Agile methodologies, ensuring timely and quality delivery.

GE Healthcare | Software Edison Engineer

Edison Data Lake

Mar 2020 - Nov 2020

- Performed a POC on the use of AWS Medical Comprehend service and SpaCy for PHI detection and de-identification
- Created wireframes for the flow of PHI de-identification tool and analysis of a third-party De-identification tool, Privacy Analytics for integration with the Data Lake
- Identified gaps in the Data Lake on the technical, physical and administrative fronts for HIPAA compliance and worked on mitigating the technical gaps by analysing AWS Cognito and Okta as an IAM service
- Documentation: [Confluence page](#) & received a #BRAVO Impact Award for my work from my Assignment Leader

Skills

- Proficiency in HTML, CSS, JavaScript, TypeScript
- Experience in developing Single Page Applications (SPAs) with Angular2 framework
- Years of exposure to writing unit tests with Jest framework
- Integration of SPAs with electron to create desktop applications
- Familiarity with ReactJS
- Team Collaboration & Excellent Communication skills
- Attention to Detail
- RESTful APIs, Agile methodology, Git, npm

Tools & Platforms

- VsCode, Sublime Text
- Chrome Dev Tools
- Jenkins
- Postman
- Confluence

Education

IIT Hyderabad

M.TECH. (TEACHING ASSISTANT) COMPUTER SCIENCE : CGPA : 8.21

Hyderabad

2017 - 2019

MJP, Rohilkhand University

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING : CUMULATIVE GRADE POINT: 8.46

Bareilly, India

2013-2017

Miscellaneous

- Inventor of Intellectual Property titled: "Systems and Methods for Predicting and Preventing Collisions" - US2023/01319A1
- [Machine Learning Engineer Nanodegree program from Udacity](#)
- Hold the certificate for coursera course: [Communication Strategies for a Virtual Age](#)