

# Ayushi Vishwakarma

SOFTWARE ENGINEER

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

Experienced UI developer with 6 years in the IT industry, specializing in Angular, RxJS, and state management. Skilled in building scalable, user-centric web applications for product-based companies. Recognized for fast learning, impactful contributions, and cross-functional collaboration.

## 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

- Frontend: Angular, RxJS, NgRx, HTML, CSS, SCSS, Bootstrap
- Programming: JavaScript, TypeScript
- Years of exposure to writing unit tests with Jest framework
- Integration of SPAs with electron to create desktop applications
- Tools & Practices: State Management, Component-Driven Architecture
- Team Collaboration & Excellent Communication skills
- Soft Skills: Presentation, Communication, Stakeholder Collaboration, Fast Learner, Impact Focused
- 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](#)