# Ayushi **Vishwakarma**

SOFTWARE ENGINEER

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## Professional Summary

Experienced UI Developer with 6 years in the IT industry, specializing in Angular, Electron, RxJS, state management, and React. Proficient in building scalable, user-centric web applications for product-based companies. Known for fast learning, impact-driven execution, and cross-functional collaboration.

## Professional 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, physica 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**

## Technical Skills

- Languages: JavaScript, TypeScript
- Frameworks: Angular, RxJS, NgRx, Bootstrap
- Testing: Jest
- Platforms: Electron, AWS, Jenkins
- Tools: Git, npm, Jenkins, Postman, VS Code, Chrome DevTools
- Architecture: Component-Driven, State Management
- RESTful APIs, Agile methodology, Git, npm

## Soft Skills & Practices

- Practices: Agile, Scrum
- Communication, Presentation, Fast Learning, Stakeholder Collaboration
- Research
- Backlog Grooming & Requirement refinement
- Running Scrum meetings

## Education

### IIT Hyderabad
*Hyderabad*
*2017 - 2019*
M.TECH. (TEACHING ASSISTANT) COMPUTER SCIENCE : CGPA : 8.21

### MJP, Rohilkhand University
*Bareilly, India*
*2013-2017*
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING : CUMULATIVE GRADE POINT: 8.46

## 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**