**RAVINA GAIKAWAD**

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# EDUCATION



**The University of North Carolina at Charlotte,** North Carolina (*Master of Computer Science*) ***GPA – 4/4*** **Aug 2019 – May 2021**

| **S.I.E.S Graduate School of Technology,** Mumbai, India (*Bachelor of Engineering in Information Technology*) | **June 2013 – May 2017** |
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# WORK EXPERIENCE



| **ORGANIZATION:** Slalom Build | **Mar 2023-Present** |
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| **Project:** Securian Financial | |
| **Title:** Senior Software Engineer | |
| * Redesigned Citrix workspace app into web-based platform using Java, showcasing technical expertise and adaptability. * Collaborated with **Engineering** **Leads** to develop Statement of Work (SOW) and participated in the closing process. * Known as a **Velocity Force** and first point of **escalation** when development engineering requires lift to **achieve** sprint objectives. * Experienced professional skilled in driving innovation through creative problem-solving, strategic software deployment, effective relationship building, critical thinking, agile development, and solution architecture within large-scale programs and enterprise settings. | |

| **Project:** Ford Motors | **July 2022-Feb 2023** |
| --- | --- |
| **Title:** Senior Software Engineer | |
| * Developed and implemented the **Zero Faults Forward** (ZFF) **manufacturing execution system** (MES) for **Ford F150 Lightning EV** **program** to monitor, track and control the manufacturing system to help **improve** quality control and **increase** uptime while also **reducing** inventory and costs. * Applied **capability** **expertise** to shape and deliver solutions to client challenges during **Discovery**, **Delivery**, and **Transition**. * Built in **java spring boot** and **MQTT** servers for best performance and minimum delays. * Working in a fast-paced **Agile SCRUM** environment with a manufacturing team. | |

| **Project:** Renewable energy | **July 2021-June 2022** |
| --- | --- |
| **Title:** Software Engineer | |
| * Built a **Key Performance indicator** (KPI) engine to help quantify if the solar asset is on track to meet plant performance with an ambition to save the **planet**. * Built an **orchestrator** to feed curated data to the KPI engine with **SNS, SQS**,**S3, Event bridge,** **Lambda**, and **DynamoDB** (NoSQL) in **Python**. * Working in a fast-paced **Agile SCRUM** environment with a **cross-capability** team. | |

| **Project:** Stagen Mobile App | **May 2020-August 2020** |
| --- | --- |
| **Title:** Software Engineer Intern | |
| * Built an **iOS/Android mobile application** for a leadership academy to facilitate continued learning experiences. * Built **RESTful** API endpoints for application services with **AWS' API Gateway**, **Lambda**, **DynamoDB** (NoSQL), **CloudFormation**, **Cognito User Pools**. * Developed UI components and application features with **React Native**, **TypeScript,** and **Redux**. * Authored **unit tests**, resolved app **build** failures, reviewed pull requests, and actively participated in sprint planning sessions and backlog refinement. * Implemented application with **serverless** **cloud architecture** aiding **CI/CD** development processes. | |

| **ORGANIZATION:** GEP Worldwide | **June 2017-June2019** |
| --- | --- |
| **Project:** Bulk Utility System | |
| **Title:** Software Engineer | |
| * Developed a **Bulk Utility System** to upload ~ 1 million rows/day with more than 120 data points. * Integrated Excel Business Validations in Bulk Utility System **reducing man-hours by 10%**.Developed **end to end** application modules with both **client-side and server-side coding** after doing requirement analysis. * Worked in an **Agile** environment implementing **SCRUM** methodologies using **JIRA**. | |

# TECHNICAL SKILLS



| * **Programming Languages** | HTML, CSS, C#, Java, SQL, Python, JavaScript, Typescript, JSX |
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| * **Frameworks** | Angular,Express.js, ASP .NET MVC, React-Native, Ionic, Android, Node.js |
| * **Database** | Microsoft SQL Server,Oracle, MySQL, MongoDB, DynamoDB |
| * **Version Control** | TFS, GIT, Bitbucket |

# TECHNICAL PAPER - [Ultrasonic Navigation based Blind Aid for the Visually Impaired - December 2017](https://ieeexplore.ieee.org/document/8391846)

[****](https://ieeexplore.ieee.org/document/8391846)