

EDUCATION

- Purdue University - Masters in Computer Science Aug 2024 - May 2026
 - Osmania University - Bachelors in Computer Science June 2017 - May 2021
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EXPERIENCE**LIBRARY STUDENT TECHNOLOGY ASSISTANT****PURDUE UNIVERSITY | Oct 2024 - Present**

- Designed and maintained a data integration pipeline aggregating data from 3 sources, reducing manual effort and enabling year-long data visualization. This improved usability, allowing board members to make informed decisions with real-time metrics.
- Managed and optimized the library website by performing content updates, feature enhancements, design refinements, and deploying engaging UI features, which improved navigation and increased user traffic by 30%.
- Built a user-friendly UI to update and retrieve user information based on IDs, improving search efficiency and reducing manual effort by eliminating reliance on large Excel sheets containing entire college data.

SOFTWARE ENGINEER II**SUREIFY LABS | Dec 2020 - Aug 2024**

- Tailored product solutions for multiple clients, managing the development of 4 demo products that secured 2 new clients and increased company revenue by 10%.
 - Designed & implemented REST APIs, integrating third-party services and deploying via CI/CD pipelines to boost team efficiency.
 - Built solutions for mapping data to PDF/XML formats and created custom questionnaires, reducing data processing time by 30% and ensuring accurate role-specific information capture.
 - Integrated DocuSign to streamline digital document management & proactively resolved production issues to enhance stability.
 - Deployed code from multiple products to demo environments, ensuring a 100% alignment with client objectives and delivering error-free demonstrations.
 - Collaborated with DevOps on deployments using Semantic Release, Docker, and Jenkins, supporting CI/CD best practices.
 - Secured credential management with AWS Secrets Manager and implemented data solutions using Amazon S3.
 - Documented build processes, workflows, and proofs of concept in Confluence, reducing onboarding time for new developers by 20% and enhancing team productivity.
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PROJECTS

- Developed a real-time **attendance tracking system** for Purdue lecturers using React, Material UI, and Firebase. Implemented a secure user dashboard with Firebase Authentication and leveraged Firebase Realtime Database for dynamic attendance data management, ensuring efficient tracking and real-time updates.
 - Developed a **campus-specific e-commerce platform** for Purdue students using React, Node.js, and MongoDB. Addressed the limitations of informal marketplaces by implementing secure user authentication, optimized image storage with Cloudinary, and a user-friendly, responsive UI with Bootstrap and SCSS.
 - Developed an **intelligent form generation and management system**. Streamlined the creation of questionnaire-based applications by automating form generation from instruction set files.
 - **Implemented a simhash algorithm to detect duplicate documents**. Utilized map and reduce techniques in Python to identify and eliminate redundant content efficiently.
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SKILLS

- Programming Languages: Java, PHP, Python, C++, C, JavaScript, TypeScript, OOPs
 - Frameworks: React, Angular, Firebase realtime, Bootstrap, MUI, Django, NodeJs, Material UI
 - Databases: MySQL, Postgres, NoSQL, Redis, MongoDB, Firebase realtime
 - DevOps tools: Jenkins, Docker, Git, GCP
 - Tools: Github, Jira, VS code, Postman, Bitbucket
 - Core Skills: Data Structures and Algorithms, Problem Solving, System Design, Agile/Scrum methodologies
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ACHIEVEMENTS AND AWARDS

- Recognized as the **Star Performer** of the Month at Sureify Labs in **May 2024**.
- Winner in **CODEATHON** at CSI National Level Technical Symposium in May 2020.
- Ranked 2nd in IEEE Annual Technical Symposium in Project Expo in May 2020.
- Merit Certification in **TuringCup 2020** at Annual State Level Coding Contest.