

DIVYA AVUTI

(260) 515 8795 | divyaavuti.da@gmail.com | [LinkedIn](#)

EDUCATION

- Purdue University - Masters in Computer Science | GPA: 4.0/4.0 Aug 2024 - May 2026
 - Osmania University - Bachelors in Computer Science | GPA: 8.3/10 June 2017 - May 2021
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SKILLS

- **Programming Languages:** Java, Python, JavaScript (TypeScript), PHP, C++, HTML, CSS
 - **Frameworks & Libraries:** React, Django, Bootstrap, MUI, Firebase Realtime, Express.js
 - **Databases:** MySQL, MongoDB, Microsoft SQL Server
 - **Tools & Platforms:** GitHub, Jira, VS Code, Postman
 - **Other Technologies:** ColdFusion, Redux, Sass/SCSS, REST APIs
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PROFESSIONAL EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER

PRODAPT | NOV 2021 - AUG 2024

- Developed and deployed microservices for data encryption and data randomization to secure personal information.
- Built a centralized telecom infrastructure management tool, reducing manual effort by 30% and streamlining lifecycle processes like invoicing and approval.
- Automated daily raw data processing using stored procedures, encrypting sensitive fields and generating structured CSV files for seamless transfer, eliminating manual effort entirely by making the process fully independent.
- Implemented secure Windows Authentication with an intermediary authorization layer, reducing unauthorized access incidents by 35% and enhancing system security.
- Conducted root cause analysis and resolved production issues across multi-stack systems, reducing downtime by 40% and improving system reliability.
- Analyzed client requirements and estimated time and effort to create Level of Effort (LOE) for various client needs, working closely with different clients to ensure alignment with expectations.
- Actively contributed to deployment processes, minimizing user impact and improving application performance through hotfixes, server updates, and version upgrades.

FULL STACK INTERN

PRODAPT | APR 2021 - NOV 2021

- Created an intuitive and user-friendly interface for seamless management of hotel bookings, ensuring optimal functionality and efficiency.
 - Hotel Management System website utilizing a blend of PHP, HTML, CSS, and Javascript.
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PROJECTS

ATTENDANCE TRACKING SYSTEM - [link](#)

- Developing a web application for an attendance tracking system that enables instructors to monitor student attendance efficiently using QR codes and scanners.
- Leveraged React, MUI, and Firebase to build the application, allowing for the generation of detailed class and individual student reports while ensuring a responsive and dynamic user experience.

CAMPUS MART - [link](#)

- A web application for Purdue University students to buy and sell pre-owned products in one convenient platform.
- Utilized React, Bootstrap, Cloudinary and MongoDB to create a user-friendly interface and robust backend for seamless operations.

ARTIFICIAL INTELLIGENT VOICE ASSISTANT

- Developed a voice assistant that captures audio, converts speech to text, and uses GTTS to generate English audio files, with playback via Python's "playsound" package.
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ACHIEVEMENTS AND CERTIFICATIONS

- Winner in Coding Competition in Technical fest at Osmania University.
 - Merit Certification in Turing cup 2020 at Annual State Level Coding Contest at VNRVJIET.
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CO-CURRICULAR ACTIVITIES

- Volunteered for the Computer Society of India.
- Student Council Member at my undergrad college.