

Dhanashree Giriya

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Education

B.Tech in Computer Science and Engineering

2022 – Present

Symbiosis Institute of Technology, Nagpur

CGPA: 8.295 / 10 (average of 5 semesters)

Technical Skills

- **Programming Languages:** Java, C, C++, Python, JavaScript.
- **Web Development & Databases:** HTML, CSS, PHP, ReactJS, Bootstrap, SQL, MongoDB.
- **Cloud :** AWS Cloud, AWS Amplify.
- **Data Science & AI:** Machine Learning, NLP, Basics of Hadoop.
- **Tools & Platforms:** IBM SPSS, Power BI, EasyOCR.

Projects

- **Authorized Vehicle Parking System Using VNPR**
Spearheaded the development of a high-accuracy Vehicle Number Plate Recognition (VNPR) system for authorized university parking:
 - Implemented YOLO and OCR for real-time number plate detection with 94.2% accuracy.
 - Integrated a database verification system to authenticate authorized vehicles.
- **Fullstack App Using React and AWS Amplify**
Engineered a robust cloud-based travel diary with authentication and AWS Amplify database integration.
 - Utilized AWS Amplify, DynamoDB, S3, and Cognito for secure authentication and data storage.
 - Implemented features for adding, deleting, and storing travel data with images, dates, and descriptions.

Research

- *"Credit Risk Analysis Using Machine Learning"* – 8th International Conference on Computing, Communication, Control, and Automation (ICCUBEA) 2024
Analyzed KNN vs. Logistic Regression for credit risk, achieving 93.91% accuracy.[Paper Link]

Experience

Internships

Fullstack Developer Intern, MSA Software Pvt. Ltd.

Oct 2024 – Nov 2024

- Redesigned the iWorled front-end for a modern user experience and spearheaded the development of an interview generator, achieving 95% question accuracy.

Leadership

Content Lead Intern, Avabodh Foundation – Supervised content strategy.

July 2024 – Nov 2024

Event Organizer, GirlScript Nagpur

May 2024 – Oct 2024

Head Coordinator, Literary Club, SIT Nagpur – Won Best Club Award

Sept 2023 – Sept 2024

Certifications

- **AWS & Cloud Computing:** AWS Cloud Security, AWS Cloud Foundations, AWS RDS for MySQL, Google Cloud Fundamentals.
- **Programming & Databases:** Java Oracle Certification, Oracle Database Management, Red Hat System Administration I (RH124).
- **Big Data & Analytics:** Big Data (Infosys Springboard), Getting Started with SPSS (OpenLearn University).

Languages

- English (Fluent), Hindi (Native), Marathi, German (Beginner)