

Aditya Simant

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Education

Deogiri Institute of Engineering and Management Studies | CGPA: 8.35

Graduation Year: 2024

B.Tech Electronics and Telecommunication

Achievements

- **CIVO Hackathon 2021** | Winner

Nov 2021

Developed a JavaScript-based speech recognition application within tight time constraints and successfully deployed it using Docker and Kubernetes

- **Courier Hacks: Feature focus Hackathon** | Winner: Send API award.

Nov 2022

Created a mobile application for streamlined building management, notification delivery, and administration, leveraging the Courier REST API for efficient communication.

- **DIEMS Tech-prastuti Presentation Champion** | Winner: 2nd position.

May 2023

Awarded for a presentation on Microservices: The Future of Software Development.

Position of Responsibility

Head of Technical Department | IETE DIEMS Student Forum

- Oversaw the development, testing, and deployment of the official online platform of IETE DIEMS, resulting in a 30% increase in user engagement and a 20% reduction in technical issues.
- Developed and maintained strong relationships with cross-functional teams to ensure seamless integration of new features and updates.
- Implemented Agile project management methodologies to improve team efficiency and productivity, resulting in a 15% decrease in project delivery time and cost savings.

WeMakeDevs Campus ambassador.

- Successfully recruited and organized 20+ volunteers, providing free education and training to individuals. Executed company policies, procedures, and required standards to ensure modern learning.

Projects

Cypherithm | Android library for data encryption and decryption.

June 2023

- Developed a highly secure Android library in Java resulting in a reduction of data breaches by 95% within applications.
- Implemented industry-leading algorithms, including AES, Blowfish, and TripleDES, to enhance security within Android applications empowering developers to select the most suitable encryption algorithm based on their specific requirements and customization options.

AWScctl | AWS command line interface in Golang.

May 2023

- Assisted in the development of a command-line tool to help manage multiple AWS CLI profiles, including MFA authentication and session activation.
- awscctl is a project that aims to simplify the installation and management of AWS packages on servers in the cloud.

IETE DIEMS Official webpage

Aug 2023

- Developed tested, deployed and maintained a dynamic web application with ReactJS and various Javascript libraries to display the institute's best interests.
- Used Github automation for continuous deployment of the Build to implement faster development and deployment cycle.

Skills

Languages: Java, Kotlin, C++, JavaScript, Python, Golang, Bash, YAML.

Frameworks: ReactJS, Django, Node.js

Tools: AWS, Docker, Kubernetes.