

# ARTH GARUDE

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## Education

### Technocrats Institute of Technology

Bachelor of Technology in Computer Science and Engineering

July 2020 – June 2024

Bhopal, Madhya Pradesh

## Relevant Coursework

- Object-Oriented Programming
- Database Management system
- Operating System
- Cloud Computing
- Computer Networking
- Data Structure and Algorithms

## Experience

### Techno Particles

April 2024 – Current

Flutter Developer Intern

Delhi, India

- Engineered a comprehensive error handling system that decreased downtime by 25%, enabling rapid recovery from user-reported issues; adopted by over 15 customer support agents daily.
- Designed and deployed responsive UIs using Flutter, boosting user satisfaction scores by 30%.
- Secured sensitive user data with Firebase Authentication and Firestore, maintaining a 100% compliance rate with industry data protection standards.
- Integrated Firebase for backend services, reducing app load times by 25% and improving real-time data processing, leading to a 20% increase in app performance efficiency.
- Automated deployment processes using GitHub Actions CI/CD pipelines, reducing time-to-market by 40% and ensuring consistent app reliability.

### Teachscape Online Learning Services Private Limited

January 2024 – March 2024

Business Development Associate

Bangalore, Karnataka

- Identified 5+ new business opportunities through comprehensive market research, leading to a 15% increase in lead generation and a 10% boost in brand awareness.
- Fostered relationships with key clients, resulting in a 20% improvement in customer retention and a 12% increase in repeat business.
- Revamped sales strategies based on data-driven insights, increasing conversion rates by 18% within two months.
- Expanded professional networks by participating in 3 industry events, contributing to a 25% increase in strategic partnerships.

## Technical Skills

**Programming Languages:** C, C++, Python & Java

**Web & Cloud Technologies:** HTML, CSS, Javascript, AWS, MySQL, Flutter, Firebase & Postman

**Operating Systems & Tools:** Windows, IOS, Git & GitHub

## Projects

### E-Commerce User and Admin App | Flutter, Firebase

April 2024

- Developed a scalable e-commerce platform with real-time data synchronization, reducing server load by 20% during peak traffic periods.
- Leveraged Firebase Analytics for user behavior analysis, resulting in a 15% improvement in user engagement and app retention.
- Analyzed user behavior data through Firebase Analytics, identifying key drop-off points in user flows; implemented targeted optimizations that improved user retention by 25% over there months.

### Student Report Card Management System | C++, MySQL

July 2023

- Automated grade calculations, cutting manual entry errors by 95% and accelerating data processing by 50%.
- Implemented data integrity protocols, ensuring 100% compliance with institutional data protection standards.

### Weather Web App | HTML, CSS, Javascript

September 2022

- Engineered a responsive weather application with real-time updates, improving load times by 30% and enhancing cross-device compatibility.
- Ensured cross-device compatibility, integrated robust error handling, and optimized performance for fast loading times and reliable functionality.

## Achievements

- Earned a 5-star rating in C++ and a 3-star rating in Python on HackerRank.
- Solved over 1,100 problems across various coding platforms.
- Consistently maintained a streak by solving over 500 problems and achieving a 100-day streak on CodeChef.