ARTH GARUDE

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Education

Technocrats Institute of Technology   **July 2020 – June 2024**
Bachelor of Technology in Computer Science and Engineering   *Bhopal, Madhya Pradesh*

Relevant Coursework

- Object-Oriented Programming
- Operating System
- Computer Networking
- Database Management system
- Cloud Computing
- 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   *Banglore, 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.