

Abhigyan

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EDUCATION

CMR INSTITUTE OF TECHNOLOGY

BE IN COMPUTER SCIENCE
July 2023 | Bengaluru, KA
CGPA: 8.83 / 10

KENDRIYA VIDYALAYA DRDO

CBSE (CLASS XII)
2019 | Bengaluru, KA
Percentage: 92.4%

AIR FORCE SCHOOL

CBSE (CLASS X)
2017 | Bengaluru, KA
CGPA: 10 / 10

LINKS

Github:// Sunny619
YouTube:// GameRuby
Leetcode:// AbhigyanOP

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms
Design and Analysis of Algorithms
Object Oriented Programming
Operating Systems
Database Management Systems
Computer Networks
Artificial Intelligence
Machine Learning

SKILLS

PROGRAMMING

Experienced:

C++

Java

Unity 3D

Intermediate:

C • C# • Python • Javascript

• Node.js • HTML • CSS • MySQL

• Android Studio • OpenGL

Familiar:

Kotlin

Express

OpenCV

MediaPipe

EXPERIENCE

PHONEPE | SDE, SRE

July 2023 - Present | Bengaluru, KA

- Optimized cloud infrastructure performance, caching smartly to reduce API calls which reduced average response time by upto 80%.
- Developed and maintained provisioning, lookup, maintenance, monitoring and alerting systems, enabling a feature rich flow with smart suggestions to minimize downtime.
- Worked on the automation of complex workflows, improving reliability and performance of the PhonePe cloud.
- Technologies used: Python, Go, Perl, Javascript, Bash, MySQL, Aerospike, RabbitMQ, Kubernetes, Docker, Nginx, Git

PHONEPE | SRE INTERN

Feb 2023 - May 2023 | Bengaluru, KA

- Designed and developed a high availability full stack application.
- Created multiple VMs with fault tolerance and load balancing.
- Technologies used: Javascript, Express, Nodejs, Nginx, Cassandra, Multipass

PROJECTS

STEVE'S RUN | VIDEO GAME (ANDROID)

Link: Google Play Store Tech: C#, Java/Kotlin, Unity, Android Studio, Blender

- 34,000+ App views with thousands of downloads.
- 4.8/5 Star Rating on Play Store with many Positive reviews.

META-CALL | P2P VIDEO CALLING APPLICATION

Link: Meta-Call Website Tech: HTML, CSS, Javascript, Python, Nodejs, Expressjs

- Improved Performance by 80% in scaling of peers.
- Fixed vulnerabilities in PeerJs by maintaining state of sessions.

ENDLESS RUNNER WITH BODY TRACKING | OPENGL APP

Link: Project report Tech: Python, C++, OpenGL, OpenCV, MediaPipe

- Created 9 finite automata states for effective transition.
- Tracks 33 pose landmarks and converts them into in-game actions.

ACHIEVEMENTS

- Final year Project Exhibition, Winner (CMRIT), 2023.
- Best Database Management Project (CMRIT), 2022.
- TYL Hackathon C++, Winner (CMRIT), 2021.
- Global Rank 46, Codechef September Challenge 2021.
- Cleared the Google Code jam, 4 years in a row (2019-2022).

CO & EXTRA-CURRICULAR ACTIVITIES

- Certified on topic "Algorithm Toolbox" and "Python" from Coursera.
- Competitive Coding
- Represented Air Force School in SGFI Chess Zonal level.
- Worked with various institutions and contributed to many open-source projects in Google Codein 2018 and 2019.
- Hobbies: Basketball, Cricket, Football, Kabbadi, Badminton, Cycling