

SHEREEN ANAND

People's Education Society University (PES), Bangalore

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EDUCATION

Bachelor's of Technology in Computer Science and Engineering

Sept 2022 – Jul 2026

People's Education Society University, Bangalore

CGPA: 3.95/4.0

KSEEB (KPUC, Class 12)

2020 – 2022

Rashtreeya Vidyalaya Pre University College

Score: 572/600

AISSE (CBSE, Class 10)

2018 – 2020

Sri Kumaran's Children's Home

Score: 465/500

SKILLS

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

Software Development: Flask, Django, REST APIs, OOP, Data Structures and Algorithms

Databases: MySQL, MongoDB, SQLite

DevOps Tools: Docker, Jenkins, Git, Kubernetes, Linux

Cloud Deployment: Google Cloud Platform, AWS, CI/CD pipelines

Machine Learning: Scikit-Learn, TensorFlow, PyTorch

Web Development: HTML, CSS, JavaScript

EXPERIENCE

International Institute of Information Technology Bangalore

May 2024 – Aug 2024

Application Engineering Intern

- Developed a scalable speech recognition service, improving audio processing by 30% using Flask and Docker.
- Optimized cloud infrastructure on Google Cloud Platform, reducing compute costs by 25%.
- Collaborated with cross-functional teams to integrate voice recognition capabilities into existing applications.

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram

Jul 2023 – Oct 2023

Software Development Intern

- Implemented microservices for data processing, improving efficiency by 40% using Docker and Kubernetes.
- Conducted performance testing and optimization, enhancing system reliability and response times.

PROJECTS

Real-Time Event Processing System | Python, Kafka, Docker, MongoDB

Jan 2024 – Mar 2024

- Built a fault-tolerant, high-throughput event processing system handling millions of events per second with real-time data streaming via Kafka.

E-Commerce Web Application | Java, Spring Boot, MySQL, AWS

Nov 2023 – Feb 2024

- Developed a scalable e-commerce platform, improving traffic management by 35% through AWS auto-scaling and optimized database queries.

Distributed File Storage System | Python, Flask, AWS S3, Consistent Hashing

Aug 2023 – Dec 2023

- Implemented a distributed file storage system using consistent hashing to manage file distribution across nodes.
- Integrated AWS S3 for cloud storage and optimized the system for large-scale data handling.

Intelligent Resource Management System | Python, Flask, TensorFlow

Jun 2023 – Aug 2023

- Developed an ML-based system for dynamic cloud resource scaling, reducing resource consumption by 25%.

AWARDS AND ACHIEVEMENTS

Smart India Hackathon 2023

- Finalist at SIH, demonstrating innovative problem-solving skills and technical expertise.

CLUBS AND EXTRACURRICULARS

Student Mentor at IEEE RAS

Spring 2024 – Present

- Mentoring a team in developing autonomous robots for waste collection using AI and sensor technologies.