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Veda P

CS UnderGraduate



EDUCATION

B.Tech in Computer Science – PES University
CGPA: 8.83 | 2021-2025

12th Grade – BGS National Public School
Grade: 94.4% | 2021

10th Grade – BGS National Public School
Grade: 95.67% | 2019

TECHNICAL SKILLS

- **Programming Languages:** Python, C, Java, JavaScript, HTML/CSS
- **Web Development :** ReactJS, Node.js, Express.js, Django, RESTful APIs, Angular, Java SpringBoot
- **Databases:** MySQL, MongoDB, H2
- **Cloud and DevOps:** AWS, Docker, Kubernetes, CI/CD, Jenkins, Git
- **Machine Learning(Basics):** Scikit-learn, TensorFlow, Pandas, Numpy
- **UI/UX Design:** Figma, Canva, Postman
- **Computer Networking, Data Analytics, Big Data**

CERTIFICATIONS

- **Machine Learning Specialisation**
Stanford University ,Coursera
 - Supervised Learning
 - Unsupervised Learning
 - Recommenders
 - Reinforcement Learning
 - Advanced Learning Algorithms
- **Introduction to Artificial Intelligence**
Stanford University, Coursera
- **Front-End Development**
Meta, Coursera
- **Figma and Flutter Basics**

HONORS AND AWARDS

- 2 Times **CNR Rao Scholarship Awardee** | PES University –Given to Top 25%
- 4 Times **Distinction Awardee** | PES University
- **Best Figma Prototype Award**

WORK EXPERIENCE

Software Engineering Intern

AT&T Communication Services Pvt. Ltd

Jan 2025 – Jul 2025

- Contributed to the development of the Business Center, a large-scale enterprise portal, working across the full stack with Java Spring Boot and Angular.
- Designed and implemented a standalone EMS application, using layered architecture, RESTful APIs, entity modelling, and H2 in-memory DB.
- Developed automated UI test workflows using Playwright and improved backend test coverage with Mockito and WireMock.
- Investigated and resolved live production issues through log analysis and root cause identification, enhancing system stability.
- Built and optimised frontend features including session timeouts, read-only modes, and user-specific dashboards, with a focus on accessibility and performance.

Software Developer Intern

Austere Analytics Pvt. Ltd

Jun 2024 – Aug 2024

- Architected and deployed a full-stack CRM SaaS using MERN and MySQL.
- Led the entire SDLC from inception to delivery.
- Led data migration, client-specific routing and AWS deployment.
- Managed testing, prototyping, and access management for pharma clients.

Full Stack Developer Intern

Cosyugma Info

Aug 2023 – Oct 2023

- Led the development and deployment of a React web application with Django backend integration, driving performance enhancements and UI/UX improvements.
- Additionally, spearheaded the design and hosting of the company's official website.

Machine Learning Summer Intern

Center for Innovation and Entrepreneurship, PES University Jun – Jul 2023

- Focused on 'Data Streaming Anomaly Detection,' implementing ML techniques and Intel optimisation algorithms.
- Applied theoretical knowledge in a practical environment, optimising detection models for real-time data.

PROJECTS

Back-Up Service Using Docker and Kubernetes:

- Automated backup service that securely stores files on Google Drive using Docker and Kubernetes, employing CronJob,Persistent Volume Claims, and Kubernetes Secrets and logging for robust monitoring.

Lucene-Powered Document Retrieval Explorer

- A Java desktop app leveraging Apache Lucene, offering advanced search capabilities for a corpus of Wikipedia articles.Featuring intuitive GUI, highlight-enabled results, and support for various query types including Term, Phrase, Wildcard.

Encrypted P2P File Sharing System

- A peer-to-peer file sharing platform using SpringMVC, featuring AES encryption, SHA-256 checksums, and MongoDB integration and design-pattern-driven architecture.

Apartment Management System

- Engineered a system to modernise apartment management using MERN and MySQL .Used Agile methodologies, Scrum, and systematic documentation, leveraging DBMS skills like role specific views.

Face Recognition using PCA and Eigen Faces

- Implemented in Python using scikit-learn and matplotlib for data processing, dimensionality reduction, and visualisation.Applied machine learning techniques to recognise faces on the LFW dataset.

Event Management App Using MERN Stack

- A web app for coordinating major events,providing holistic view, Kanban-style task tracking, critical path analysis, task assignment, and automation. Outcome-focused approach.

Airline Reservation system Using Python, MySQL

- A Airline Reservation System in Python & MySQL for school project, improving skills in software dev, Python, and database management.The system allowed users to search for available flights, select seats, and make bookings.

-For more interesting projects [click here](#)