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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.   Jan 2025 – Jul 2025
AT&T Communication Services Pvt. Ltd
- 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   Jun 2024 – Aug 2024
Austere Analytics Pvt. Ltd
- 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   Aug 2023 – Oct 2023
Cosyugma Info
- 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   Jun 2023 – Jul 2023
Center for Innovation and Entrepreneurship, PES University
- 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. Featured intuitive GUI, highlight-enabled results and supported 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, MongoDB integration with design-pattern-driven architecture.

Apartment Management System
- Engineered a system to modernise apartment management using MERN and My SQL. 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.The system allowed users to search for available flights, select seats, and make bookings.

–For more interesting projects click here