

DEEP PAWAR

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EDUCATION

Illinois Institute of Technology, Chicago, IL

Aug 2023 – May 2025

Masters in Computer Science, **GPA: 3.56**

Relevant Coursework: Cloud Computing, Big Data Technologies, Machine Learning, Software Project Management

Savitribai Phule Pune University, Pune, INDIA

Nov 2020 – Jun 2023

Bachelors in Computer Engineering, **GPA: 3.87 (96.75%)**

Relevant Coursework: DSA, Data Science and Big Data Analytics, OOP, Artificial Intelligence, Blockchain Technology

SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, PHP, Assembly

Databases: MySQL, SQL Server, MongoDB, Oracle Database

Frameworks and Technologies: HTML, CSS, Bootstrap, Django, AngularJS, Amazon AWS, VS Code, Android Studio

WORK EXPERIENCE

Software Engineering Intern

Feb 2022 – Apr 2022

TechCiti Technologies Private Limited

Bengaluru, India

- Led team of 4 for 12 weeks, conducted on-site visits and interacted with 5 hospitals to address common inventory challenges and optimize blood distribution demands.
- Developed a user-friendly Python | Django-based Blood Bank Management System, resulting in an 18% reduction in response time during emergencies and a 25% improvement in overall blood inventory management.

Web Developer Intern

May 2019 – Jun 2019

QuickYes Infotech Private Limited

Pune, India

- Executed a Pet Adoption Website within a stringent 4-week timeframe, employing HTML | CSS | JavaScript, and advanced Angular frameworks for robust functionality.
- Accomplished a dynamic image upload feature, resulting in a 20% increase in user engagement, empowering potential adopters with visual information.

PROJECTS

Comprehensive Customer Churn Analysis

Nov 2024 – Dec 2024

- Built predictive models (Random Forest, Logistic Regression) achieving 81.4% accuracy and a 5% F1-score boost via hyperparameter tuning.
- Applied PCA, t-SNE, K-Means, and DBSCAN, to identify 25% higher churn risk in month-to-month contracts, driving retention strategies.

Enhanced Encryption of Cloud Data using Hybrid Cryptography and Steganography

Jan 2023 – May 2023

- Managed team of 4, implemented hybrid Python | Go | Django security system, integrated AES, ECC, LZW, LSB, and SHA-256 technologies.
- Reduced security incidents by 30%, fortified cloud data, and enhanced data protection by 20% in healthcare, military, and banking sectors.

A Blockchain-Based Application for Health-Related Medical Records

Aug 2022 – Oct 2022

- Spearheaded a team of 3, executed a revolutionary web application using Java | React.js, and utilized blockchain technology for secure and consistent medical record management.
- Leveraged smart contract technology, performed hash calculations on medical data, and seamlessly connected donor database, achieving a 25% improvement in data integrity and accessibility.

LEADERSHIP EXPERIENCE

Head, Team Treasury of ACES (Association of Computer Engineering Students)

Aug 2022 – Jun 2023

Pune Vidhyarthi Griha's College of Engineering and Technology ([Certificate](#))

- Headed a cohesive team of over 30 individuals, competently organized highly impactful tech events, including Python and DSA series workshops, coding, and inter-state project competitions. Secured sponsorships from esteemed vendors, resulting in a 50% surge in funding for events and competitions.

HONORS AND ACHIEVEMENT

- Python for Deep Learning: Build Neural Networks in Python, Udemy ([Certificate](#)) Mar 2023
- Bootstrap 5 Course: Build Responsive Websites, Udemy ([Certificate](#)) Mar 2023
- Python for Machine Learning, Udemy ([Certificate](#)) Jan 2023
- Web Development Masterclass certification course, Udemy ([Certificate](#)) Dec 2022