

# BHARGAV U. SHIVBHAKTA

Software Engineering Intern | Backend Development • Distributed Systems • AI/ML

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## SUMMARY

MS in Computer Science candidate at San Diego State University (Expected Graduation: May 2027) I have skills in Python, SQL, R, and C++, and experience in data analysis, backend systems, and applied machine learning. Strong background in databases, distributed systems, and software optimization with published AI/ML research. Proven ability in debugging, performance improvement, and technical project leadership. Interested in Data Analyst and System Analyst tracks for Summer 2026 IT Internship.

## PROFESSIONAL EXPERIENCE

**Operations Manager Intern** Feb 2023 - May 2023  
**TechR Business Solutions**

- Managed 50 interns and led 6 client projects, ensuring on-time delivery.
- Streamlined reporting processes, improving project efficiency by 15%.

**Software Developer Intern,** Nov 2022 - Feb 2023  
**TechR Business Solutions**

- Contributed to debugging and optimizing 5 software modules, increasing performance by 30% with senior developers.
- Collaborated with senior developers to debug, optimize, and improve software performance.

## PROJECT

- AI-powered Deepfake Image Forgery Detection**  
Developed a deep learning-based system with 92% accuracy for detecting deepfake images, enhancing security in digital media
- Smart Water Management System**  
Developed an AI and IoT-based system for real-time water usage monitoring, improving water management efficiency by 25%.
- AI-Powered Mood Prediction & Recommendation System**  
Built a machine learning model that improved mood prediction accuracy by 30%, leading to better-personalized activity recommendations.
- Smart Crop Plantation System**  
Created an AI-powered crop plantation system that optimized planting schedules, increasing crop yield by 20%

## KEY ACHIEVEMENTS

### University Ranker

Ranked 4th in Electronics & Computer Engineering at Pune University.

### Top 1% Scholar in 12th HSC

Ranked in the top 1% in HSC exams, qualifying for the SHE National Scholarship for academic excellence.

## EDUCATION

**MS in Computer Science**  
**San Diego State University (SDSU)**  
2025 - Present

**PG Diploma in Artificial Intelligence & Machine Learning**  
**MIT World Peace University**  
2024 - 2025

**B.E. in Electronics & Computer Engineering**  
**P.E.S's Modern College of Engineering, Savitribai Phule Pune University**  
**C.G.P.A - 9.2/10.00**  
2020 - 2024

## SKILLS

- Programming Languages:** Python • C++ • Java • R • SQL • C
- Core CS:** Data Structures & Algorithms • Object-Oriented Programming
- Tools & Version Control:** Git/GitHub • Linux
- Data & Databases:** Relational Databases • Data Science • Data Visualization
- Libraries:** Pandas • NumPy • Matplotlib • Seaborn
- AI/ML Frameworks:** TensorFlow • PyTorch • Scikit-learn • Keras • OpenCV
- Predictive Modeling • Statistics • Root Cause Analysis • QA Testing • Agile / Scrum

## LEADERSHIP & ACTIVITIES

**President, Rotaract Club of PES MCOE 2022-2023**  
Directed community service projects and initiatives.

**President, Electronics & Computer 2021-2023 Engineering Student Association (E-CESA)**  
Coordinated over 48 academic and technical events for departmental and external students.

**Cultural Head, P.E.S's 2022-2023 Modern College of Engineering**  
Directed community service projects and initiatives.

**Head, ECOTRON (Technical Fest) 2022-2024**  
Led a technical fest for 2 years, managing 3,000+ attendees and 20+ sponsors annually.