

# Karan Mundhada

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## EDUCATION

<b>Pune Institute of Computer Technology, Pune</b>	CGPA: 8.69
<i>Computer Engineering with Honours in Data Science</i>	2025
<b>Golden Kids Junior College</b>	Percentage: 96.83
<i>HSC, Maharashtra</i>	2021

## TECHNICAL SKILLS

<b>Languages:</b> Python, C/C++, Java, SQL, JavaScript, HTML, CSS
<b>Frameworks:</b> React, Tailwind, Material-UI, MySQL, PostgreSQL
<b>Developer Tools:</b> Git, VS Code, DBMS, AWS, Docker, FastAPI
<b>Libraries:</b> Pandas, NumPy, Matplotlib, Scikit-Learn
<b>Areas of Interest:</b> Software Development, ML, Full Stack Development, DSA, Blockchain

## ACHIEVEMENTS

<b>Attended :</b> <a href="#">Amazon Summer School</a>	2024
<b>Problem Solving :</b> <a href="#">LeetCode</a> , <a href="#">Codeforces</a>	

## EXPERIENCE

<b>Rockwell Automation</b>	July 2025 – Present
<i>Graduate Engineer Trainee</i>	
• Currently undergoing training in SQL, Python fundamentals to support future engineering projects.	
<b>Tenancy Passport</b>	Jan 2025 – July 2025
<i>FreeLance FrontEnd Developer</i>	
• Developed the Overview Page for the platform, implementing a visually engaging and data-driven dashboard using <b>React.js, MUI, and Chart.js</b> .	
• Worked on bug fixes, performance optimizations, and feature enhancements, ensuring a smooth and responsive user experience across different devices and browsers.	

## PROJECTS

<b>Stock Price Prediction</b>   <i>Python, TensorFlow, Scikit-learn, Pandas, NumPy, Plotly</i>	<a href="#">Github</a>
• Built ML pipeline with feature engineering (moving averages, volatility, volume) and models (LSTM, Random Forest, Linear Regression), improving accuracy by <b>12%</b> and cutting training time by <b>30%</b> using GPU acceleration and regularization. Designed interactive <b>Plotly</b> dashboards to visualize predictions, error metrics, and stock trends for actionable insights.	
<b>Customer Churn Analysis</b>   <i>Python, Scikit-learn, Seaborn, Pandas, Numpy</i>	<a href="#">Github</a>
• Designed a real-time data integration system that delivered actionable insights on customer churn rates, empowering data-driven decision-making and enhancing retention strategies.	
• Monitored key churn metrics and KPIs, such as churn rate, churn propensity, and customer lifetime value, to track the effectiveness of retention efforts. improving retention rates by <b>15%</b> .	

## POSITIONS OF RESPONSIBILITY

<b>Debate Society of PICT</b>	July 2023 – July 2024
<i>President</i>	
• Organized and executed an international-level debating competition with over <b>130 participants from 30 institutes</b> , involving 50 judges and mentors, and achieving a <b>90%</b> satisfaction rate from participants and faculty.	
<b>IEEE Student Chapter of PICT</b>	Feb 2024 – Present
<i>Joint Secretary</i>	
• Engineered an interactive, comic-themed website for a global online treasure hunt, engaging over <b>1,000+</b> participants, including college alumni, and enhancing user experience through strategically designed, challenging puzzles.	