

Swamy R

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Education

JSS Academy of Technical Education, Bengaluru

Bachelors of Engineering in Computer Science (Dec 2022 – Jul 2026)

CGPA: 8.58

Morarji Desai Residential PU College, Chikkamagaluru

PCMCs (Mar 2020 – Apr 2022)

93.3 %

Morarji Desai Residential School, Bilekallahalli, Chikkamagaluru

PCMCs (Mar 2020 – Apr 2022)

84.4 %

Internship

- **Artificial Intelligence & Data Analytics with a focus on Green Skills:** Leveraged AI and Data Analytics to analyze the Indian agriculture sector, focusing on green skills. Utilized Power BI to provide insights on crop production, resource usage, and sustainability practices, driving improved efficiency and sustainability in farming.
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Projects

- **3D Reconstruction Using CNN:** Automated 3D organ reconstruction from MRI/CT using 3D CNNs for enhanced diagnostics and training.
 - **Generative AI for Adaptive Route Optimisation:** Used AI models to improve logistics and e-commerce by making real-time, data-driven decisions for efficient route planning.
 - **Crop Recommendation System (using Machine Learning):** Suggested the best crops based on soil and climate data using ML algorithms for better agricultural output.
 - **Electricity Billing System (using Java):** Developed a Java application to calculate and generate electricity bills based on user input.
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Skills

- **Programming:** C, C++, Python, Java
 - **Front-End Development:** HTML, CSS, JavaScript
 - **Back-End Development:** SQL, MongoDB
 - **Core Skills:** Data Structures & Algorithm, Object-Oriented Programming, Machine Learning, Artificial Intelligence
 - **Other Skills:** Power BI, Latex
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Certificates

- C++ Programming for Beginners - Coursera (Dec 2023)
 - Problem-Solving (Basics) - HackerRank (Feb 2024)
 - Programming Fundamentals using Python - Part 1&2 - Infosys Spring Board (Aug 2024)
 - Object-Oriented Programming using Python - Infosys Spring Board (Aug 2024)
 - Software Engineering and Agile software development - Infosys Spring Board (Aug 2024)
 - Data Analytics and Visualization Job Simulation - Accenture (May 2024)
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Hackathons & Workshops

- OutlierAI.GenAI Innovators in Bangalore - HackerEarth (Dec 2024)
 - GenAI and its Applications - JSSATEB (Nov 2024)
 - GenAI using IBM Watsonx - Online (Feb 2025)
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Languages

Kannada, English, Hindi