

# SAVITA P N

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## OBJECTIVE

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Computer Science student and aspiring Software Engineer with strong skills in Python, Java, C, full-stack web development, IoT, and Machine Learning. Interested in software development and system engineering with a focus on building efficient, reliable, and scalable applications. Seeking to contribute technical expertise and problem-solving abilities to innovative projects as a Systems Engineer.

## EDUCATION

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<b>Bachelor of Engineering (B.E.)</b> , Jain Institute of Technology, Davangere	<b>Expected: 2026</b>
Major: Computer Science and Engineering	<b>CGPA: 9.35</b>

<b>Pre-University Course (PUC)</b> , Sir M V PU College, Davangere	2021 – 2022
Stream: PCMB (Physics, Chemistry, Mathematics, Biology)	<b>Percentage: 89%</b>

<b>SSLC</b> , Akshara Residential School, Shikaripur	2020
Board: KSEEB	<b>Percentage: 98%</b>

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, C
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Databases:** MongoDB, SQL
- **Tools & Platforms:** Git, GitHub, VS Code, Postman
- **APIs & Frameworks:** REST APIs, Bootstrap
- **Testing Tools:** Selenium, TestNG, JUnit, Cucumber

## PROJECTS

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- **College Event Hub – Virtual Internship Project, Infosys (2025):** Built a full-stack web application using React.js, Node.js, and MongoDB to manage inter-college events. Implemented secure authentication, event registration, and feedback modules for seamless user experience.
- **Forest Fire Alert System using IoT (2024):** Developed an IoT-based real-time alert system using sensors, microcontrollers, and data analytics. Enhanced detection accuracy and reduced response time for early forest fire alerts.
- **Emotion Responsive Music Player (2024):** Designed a deep learning model using Python, CNN, and RNN on EEG signal data. Automated music recommendations based on user emotion detection.
- **PG Life – Accommodation Website (2024):** Created a responsive PG accommodation platform using HTML, CSS, Bootstrap, and JavaScript. Optimized UI for mobile devices and improved user accessibility.
- **Fantasy Cricket Game (2023):** Programmed a Python-based interactive game using Object-Oriented Programming and data structures. Enabled dynamic team selection and match simulation for an engaging experience.

## EXPERIENCE

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- **Virtual Internship 6.0 – Infosys Springboard (Sep 2025 – Present):** Completing a certified virtual internship focused on software development and full-stack project implementation. Collaborating on GitHub using Agile methodology, mentor-led learning, and SDLC best practices for an event management system.

## CERTIFICATIONS

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- **Infosys Springboard (2024):** Certified in AI Primer and Database Management System.
- **NPTEL (IITs, 2023–2024):** Earned Elite Certifications in Internet of Things (IIT Kharagpur), Programming in Java (IIT Kharagpur), and Joy of Computing Using Python (IIT Madras).
- **Internshala Trainings (Skill India & NSDC, 2023):** Certified in Programming with Python and Web Development.
- **Abeyaantrix Edusoft (2024):** Completed MLverse – Machine Learning Boot Camp Workshop.
- **Other Certifications:** Diploma in Office Management and Tally ERP-9 Advanced.

## ACHIEVEMENTS

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- **Finalist** – Incepatrix Hackathon 2025, recognized for innovative full-stack development solution.
- **Second Place** – Stacksphere Project Expo 2024 for IoT-based application innovation.
- **Selected Participant** – Pragati Path to Future Training by Infosys (2025), focusing on communication, teamwork, and presentation skills.

## PUBLICATIONS

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Savita P N, “*Emotion Responsive Music Player Using EEG Signals Through NeuroSky Headset*,” International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Vol. 5, Issue 3, March 2025.

## LEADERSHIP & EXTRACURRICULAR

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- **Coordinator** – EMERGE 2025, State-Level Technical Symposium, Jain Institute of Technology.
- **Resource Person** – Innovators Knowledge Grid, recognized for technical expertise and peer mentoring leadership.
- **Certificate of Merit** – Speak for India Debate Competition (District Level, 2023).