

# V.VAMSHI KRISHNA

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## OBJECTIVE

Motivated and results-driven Computer Science Engineering student with strong proficiency in C, Java, and C sharp. Experienced in both Windows and Linux environments, with a proven ability to quickly adapt to emerging technologies. Passionate about leveraging technical skills and academic foundation to contribute effectively in dynamic IT roles. Eager to take on challenging projects that foster continuous learning, innovation, and meaningful impact.

## EDUCATION

### Bachelor of Computer Science and Engineering

BMS Institute of Technology and Management

CGPA :8.74

2021-present

12th-State Board, Vidya Jyothi P.U College

percentage:100

2019-2021

## SKILLS

Technical Skills	Java,C/C++,C sharp,React JS,Python,Linux(Ubuntu),Web Developoment,SQL
Soft Skills	Communication skills, Listening skills,Critical-Thinking,Problem-solving,Leadership
Tools	Android Studio,UiPath,SpringBoot,Tableau,RStudio
Certification	Java FullStack.

## PROJECTS

### Aqua Bot – Precision Monitoring for Pipeline Integrity (Ongoing Project)

- **Description:** An IoT-based bot designed for real-time monitoring of water and sewer pipelines, using graph traversal algorithms to detect faults between city nodes.
- **Impact:** This solution enhances pipeline maintenance reducing downtime and maintenance costs, and ensuring a safe, consistent water supply to urban areas.

### Blog Content Management API.

- **Description:** Developed a blog content management API using Java Spring Boot, implementing full CRUD functionality along with features like slug generation, pagination, filtering, and validation.
- **Quantified Success:** Successfully deployed a secure and scalable RESTful API, improving blog handling efficiency and enabling structured content organization.

### AI-Based Chatbot

- **Description:** Developed an AI-based chatbot using Python, integrating the ChatGPT3 engine and NLP modules.
- **Quantified Success:** Enhanced user interaction and engagement through natural language processing, leading to improved conversational experiences and customer satisfaction.

### Data Analysis Visualization of Stock Market Trends

- **Description:** Built an R-based stock analysis tool to visualize and predict trends from six months of Bhavcopy data.
- **Quantified Success:** Designed an interactive Shiny dashboard to display stock trends, allowing users to compare stock performance and identify key patterns.

## EXTRA-CURRICULAR ACTIVITIES

- Playing badminton and cricket in leisure time, fostering teamwork, physical fitness, and sportsmanship