

# Srivatsa Kamballa

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## EDUCATION

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### JAIN UNIVERSITY

Bachelor of Technology

Major in Computer Science & Engineering;

Cumulative GPA: 3.91/4.0; Class Representative 2020-2024

Relevant Coursework: Machine Learning; Deep Learning; Artificial Intelligence; Neural Networks; Natural Language Processing; Design and Analysis of Algorithms; Data Structures; Human Computer Interaction; Operating Systems

Karnataka, IN

Sep 2020 - May 2024

### NARAYANA JUNIOR COLLEGE

Higher Secondary Education

Andhra Pradesh, IN

Jun 2018 - Mar 2020

## WORK EXPERIENCE

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### Lyft Back-end Engineering Job Simulation

Karnataka, IN

Back-end Engineering Intern

Aug 2023 – Jan 2024

- Completed the Back-end Engineering Job Simulation, taking over development of an unfinished project for the Lyft rental teams, drafted a UML class diagram representing a new reorganized architecture
- Executed unit tests and added new functionality using test-driven development
- Refactored a messy codebase inherited from another team to accurately reflect my new design

### WALMART USA (Virtual)

Karnataka, IN

Software Engineering Intern

Aug 2023 – Jan 2024

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department

## UNIVERSITY PROJECTS

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### BOOK ISSUE MANAGEMENT SYSTEM FOR LIBRARIES

Apr 2024

- Designed and implemented integrated software system to digitalize library book circulation
- Created database architecture to track books, members, issuance, returns and fines
- Developed using Python, MySQL, and Django framework following MVC principles
- Filed and obtained patent through Intellectual Property India to protect Intellectual Property

### CHAT-O-MATIC: THE SMART CHATTERBOX

May 2024

- Designed and accurated the chatbot, showcasing the expertise in AI and NLP
- Demonstrated expertise in leading AI frameworks, including PyTorch and TensorFlow, to implement robust ML models for chatbot functionality
- Awarded First Prize in Computing's Senior Design Projects (out of 100 teams)

## ACTIVITIES

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### NEURON (Jain University's AI Club)

Karnataka, IN

President of the Club

Aug 2021 – Apr 2024

- Coordinated with industry professionals to arrange guest lectures on cutting-edge AI topics
- Organized an annual AI symposium, attracting 500 attendees from various colleges and companies.
- Facilitated workshops on popular AI frameworks like TensorFlow and PyTorch for club members.

## ADDITIONAL

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**Technical Skills:** Advanced in SQL, JavaScript, HTML/CSS; Proficient in MATLAB, Python, OOPS, Data Structures

**Languages:** Fluent in Telugu, English; Conversational Proficiency in Hindi, Kannada

**Laboratory:** TensorFlow, PyTorch, Scikit-Learn, NLTK, Google Colab.

**Interests:** Programming, Chess, Yoga, Blogging, Travelling, Entrepreneurship