

# Srujan K

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## PROFESSIONAL SUMMARY

Computer Science student specializing in Python development, web technologies, and AI integration. Delivered production systems serving 5,000+ users with 35% performance gains. Proven expertise building scalable applications using Python, React, and MongoDB with measurable impact across real-time APIs, automation pipelines, and machine learning deployments.

## TECHNICAL SKILLS

**Python Technologies:** Python, NumPy, Pandas, Flask, REST APIs, Natural Language Processing, Machine Learning

**Web Development:** React.js, Node.js, Express.js, JavaScript, HTML, CSS, MongoDB, MySQL

**Development Tools:** Git, GitHub, VS Code, Firebase, SQLite, Oracle SQL

**Specializations:** API Development, Data Processing, Automation, Computer Vision (YOLOv4), LLM Integration

## PROFESSIONAL EXPERIENCE

### Full Stack Developer Intern

December 2025 – Present

*Heartiest Mind Technologies Pvt Ltd*

*Bengaluru, India*

- Engineered RESTful APIs and React components for production application serving 5,000+ active users, achieving 28% performance improvement through optimized state management and code refactoring
- Reduced application load times by 35% and API response latency by 120ms using MERN stack optimization techniques and efficient database query design
- Delivered bi-weekly sprints with 95% on-time completion rate across 3 major feature releases, implementing secure authentication and authorization reducing security issues by 30%
- Built reusable UI component library that decreased bug count by 40% during subsequent development cycles

### Web Development Intern

July 2025 – September 2025

*Cloudisian*

- Developed 5+ responsive web interfaces with React and JavaScript, improving page load performance by 28% and mobile usability scores from 68% to 92%
- Integrated REST APIs for dynamic content delivery maintaining 99% uptime throughout testing phases
- Created reusable component library reducing frontend development time by 40% for internal teams
- Resolved 25+ UI/UX bugs and enhanced SEO metrics by 30+ points through structured data implementation

## TECHNICAL PROJECTS

### AI Traffic Management System

Python, YOLOv4, Flask, Computer Vision

*github.com/srujangowda756/Traffic-Management*

- Developed real-time traffic detection system using YOLOv4 achieving 92% vehicle detection accuracy across varied conditions
- Reduced average vehicle wait time by 30% through adaptive signal switching algorithm with sub-150ms response time
- Integrated live CCTV feeds with Flask web interface for continuous monitoring and system configuration

### BrandVision AI

Python, NLP, Flask, Image Processing

*github.com/srujangowda756/BrandVisionAi*

- Built automated brand analysis pipeline processing 1,000+ images with 90%+ logo detection accuracy, reducing manual audit effort by 70%
- Scalable architecture for batch and real-time inputs with color extraction identifying 5–7 dominant brand colors per asset

### AI-Powered Chatbot

Python, NLP, Flask, REST APIs

*github.com/srujangowda756/ChatBot*

- Created intelligent conversational system using custom NLP pipelines for intent recognition, entity extraction, and context management
- Achieved sub-200ms response latency through Flask-based RESTful APIs with modular architecture reducing maintenance effort by 35%

### Real-Time Cryptocurrency Tracker

React.js, JavaScript, REST APIs

*github.com/srujangowda756/crypto*

- Real-time dashboard tracking 100+ cryptocurrencies with sub-second refresh rates and WebSocket connections
- Reduced application load time by 40% through optimized data fetching, caching strategies, and virtual DOM rendering

## EDUCATION

### Bachelor of Engineering in Computer Science

2022 – Present

*East West College of Engineering, Bengaluru*

*CGPA: 8.2/10*

### Pre-University Education (PCMB)

2020 – 2022

*Government PU College Honnavalli*

*Percentage: 82%*