

# SNEHA BELAVI | Software Engineer

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 [LinkedIn](#) |  [GitHub](#)

## PROFESSIONAL SUMMARY

AI enthusiast with expertise in developing and deploying deep learning models that drive business value. Skilled in leveraging cutting-edge AI technologies with a full-stack development background to build innovative solutions.

## EDUCATION

- **Dr Gangadhar English Medium Residential School** June 2008 - March 2020  
Secondary school  
Score: 95.68% Shirdhan
- **Vidyaniketan PU Science College** April 2020 - May 2022  
Pre University (PCMB)  
Score: 93% Hubli
- **Sir M. Visvesvaraya Institute Of Technology** Dec 2022 - 2026  
Bachelor of Engineering, Artificial Intelligence and Machine Learning  
CGPA: 9.0/10 Bangalore, India





## EXPERIENCE

- **Route fever Travels Pvt. Ltd.** May 2025 - July 2025  
Software Developer Intern Bangalore, India
  - Developed the company's end-to-end website using React.js and Node.js, improving user engagement and providing a seamless booking experience.
- **Tata Consultancy Services** October 2024 - November 2024  
Intern Remote
  - Completed the Tata Data Visualization simulation, creating visuals and client meeting questions to support senior leadership and executive decision-making.

## SKILLS

- **Programming Languages:** C/C++, JavaScript, TypeScript, Python
- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, Bootstrap, Sass, Shadcn UI, Chakra UI
- **Backend:** Node.js, Express.js, Python, RESTful API Design
- **DevOps & Cloud:** Git, Linux, Firebase, Cloudflare
- **Database & Testing:** MongoDB, MySQL, Postman
- **Soft Skills:** Strong Communication, Quick Adaptability, Self-Motivation, Problem-Solving
- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DevOps, Machine Learning, Statistics, Deep learning, Generative AI, Neural Network

## PROJECTS

- **Smart Traffic Management System**   
React.js, Node.js, Tailwind CSS, MongoDB | AI-driven solution for smarter roads and reduced congestion.
  - Built a real-time traffic tool using React and Node.js to optimize signal timings. Deployed on Render to reduce congestion and improve traffic flow.
- **DDoS Attack Detection For Enhanced Bank Server Resilience**   
Machine Learning, Deep Learning, NLP | Proactive security through real-time DDoS detection and mitigation.
  - Built Real-Time Anomaly Detection Model using LSTM, CNN, Random Forest, and SVM to identify DDoS attacks on bank servers and enhance security and minimize downtime.
- **AI Mock Interview App**   
AI-powered interview simulation | Real-time Q and A | Feedback system | Python, Streamlit, OpenAI API.
  - Built an AI-powered mock interview platform that simulates real interview scenarios using AI/ML models. Helps users practice and improve their interview skills with instant feedback.
- **LinkedIn Post Generator**   
Gen AI, Langchain, Llama 3.3, Streamlit | AI-powered content creation tool for professional posts.
  - Developed a GenAI-Powered tool using Langchain, Streamlit and Llama 3.3 open-source model. Generates high quality LinkedIn posts and streamlines content creation.

## ACHIEVEMENTS

- **Google Scholar World Congress On Advanced Pharmacy and Clinical Research (WCAPCR-24)**  
Published a research paper on Medical Image analysis using machine learning and natural language processing
- **Fusion Stack Hackathon**  
Achieved Top 5 ranking in Fusion Stack Hackathon, a prestigious event organized by REVA University, showcasing innovative problem solving skills.