

VASUDEV S

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Education

Sri Siddhartha Institute of Technology, Tumkur

Bachelors in Computer science and engineering

JUL 2024

CGPA: 8.1

Sarvodaya High School, Tumkur

State Board of Secondary Education

July 2018

Percentage: 80%

Experience

Developer Intern

Jan 2024 – Jul 24

Sanketika Private Limited

Bangalore, India, In office

- **Collaborated on Building Web Applications**, Contributed to the development of scalable and responsive web applications using JavaScript, ReactJS, and related front-end technologies.
- **Enhanced Application Performance**, Optimized React components by implementing efficient state management techniques using tools like Redux or Context API.
- **Integrated APIs and Back-End Systems**, Worked closely with back-end developers to debug and refine API endpoints for seamless functionality.
- **Used Modern Development Tools**, Gained hands-on experience with version control systems like Git for collaborative development.
- **Integrated adult content filtering**, through the network extension, offering system-wide protection against inappropriate content.

Technical Skills

Languages: JavaScript, Java, C/C++, Python

Frameworks and Libraries: ReactJS, NodeJS

Databases: SQL, MongoDB

Other Technologies: Git, GitHub, VS code, Eclipse, Flutter

Projects

Image Caption Generator | ReactJS, Machine Learning, Bigdata and MongoDB

Aug 2023

- **Overview:** Developed a web application for generating descriptive captions for images using machine learning and full-stack technologies.
- Trained a deep learning model combining Convolutional Neural Networks (CNNs) for image feature extraction and Recurrent Neural Networks (RNNs) for natural language generation. Saved the trained model for deployment, leveraging frameworks like TensorFlow/Keras.
- Designed a user-friendly interface for uploading images and displaying generated captions dynamically. Used ReactJS to create modular, reusable components, ensuring efficient updates and scalability.
- Built a secure backend using Node.js for handling user authentication and API endpoints. Implemented a MongoDB database for managing user data, including signup and login functionalities. Integrated the ML model with the backend to process uploaded images and return captions in real time.

Achievements

- Thought 50+ students Programming basics and logic in college in program called **Intent**.
- Achieved 3rd prize in Tantra Hackathon for our project.
- My Team got 2nd prize in Badminton in College Tournament.
- Attended Many Hackathons in College and Outside College.

Hobbies

- Ethical Hacking
- Meditation
- Playing Chess
- Listening to Musics