

Tharun Gujjaralapudi

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About me

I am a recent graduate with a Bachelor's degree in Electronics and Communication , I am eager to kickstart my career in software development and bring my passion for technology to a dynamic and innovative software company. With a solid foundation in programming languages such as Java coupled with coursework focused on algorithms and data structures, I am equipped with the technical skills necessary to excel in software development roles.

While I may lack professional experience, I compensate with a strong work ethic, a proactive approach to learning, and a commitment to continuous improvement. I am highly adaptable and thrive in fast-paced environments, eager to collaborate with seasoned professionals and contribute positively to team objectives. I excel at executing team projects and have a natural curiosity that drives me to learn through experimentation and trying new approaches. My determination and strong mindset enable me to achieve my goals and succeed.

Professional Experience

Envision Enterprise Solutions Pvt Ltd

Integration Developer Intern | Envision

May 2024 –September 2024

Hyderabad, India

- **Skills:** *Java, JavaScript, Kafka, Zookeeper, RabbitMQ*
- UI Testing and Release Management: Performed and tested new UI releases, ensuring seamless integration of updated features.
- Data Integration: Integrated data sources between the portal and POS, ensuring accurate data flow and consistency through column and data mapping.
- UI Component Monitoring: Observed and evaluated UI components in the new UI release, identifying discrepancies and areas for improvement.
- Bug Fixing and Code Updates: Updated code bugs within the new UI, troubleshooting and resolving issues to enhance overall user experience.

Internshala

Web Developer Intern

May 2022 –August 2023

Hyderabad, India

- **Skills:** *HTML5, CSS3, Javascript*
- Designed and developed responsive web applications using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and optimal user experience.
- Assisted in the optimization of website performance, including page load speed and overall responsiveness, through code refactoring and performance tuning techniques.
- Documented codebase and technical processes to support knowledge sharing and future development efforts.

Centum Foundation

Data Analytics Trainee

August 2023 – December 2023

Hyderabad, India

- **Skills:** *SQL,*
- Utilized programming languages such as Python along with libraries such as Pandas, to manipulate and analyze data effectively.
- Developed and maintained data visualization dashboards and presenting key findings and trends to stakeholders clearly and concisely.
- Participated in training sessions and workshops on data analytics tools, techniques, and best practices, enhancing knowledge and skillset in the field of data science.

Projects

Image Captioning Generator | *Natural Language Processing, Convolution Neural Network,* **October 2022**

- In the "Image captioning using deep learning" project, I utilized advanced deep learning techniques to automatically generate descriptive captions for images. This involved training deep neural networks on large datasets of images paired with corresponding captions to learn the relationship between visual content and natural language descriptions.

- I gathered a diverse dataset of images and their associated captions from various sources, ensuring a wide range of visual content and linguistic styles. I then preprocessed the data to standardize image sizes, tokenize captions, and perform any necessary data cleaning.

- I experimented with different deep learning architectures, such as convolutional neural networks (CNNs) for image feature extraction and recurrent neural networks (RNNs) or transformer models for generating captions. I selected an architecture that balanced performance with computational efficiency and scalability.

Training and Fine-Tuning: I trained the chosen model on the prepared dataset, fine-tuning its parameters to minimize the gap between predicted and ground truth captions. This involved optimizing loss functions, adjusting learning rates, and implementing regularization techniques to prevent overfitting.

Overall, the project demonstrated the potential of deep learning techniques to automate the process of generating descriptive captions for images, with applications in areas such as content indexing, accessibility, and assistive technology.

Portfolio Website | *HTML5/CSS3, JavaScript* **March 2023**

- Designed and developed the portfolio website using JavaScript.
- This is my portfolio website with simple and aesthetic design and modern elements. It includes my recent blogs, experiences, and projects.

Technical Skills

Languages: Core Java, HTML5, CSS3, JavaScript, SQL, Python, React

Developer Tools: VS Code

Technologies and Frameworks: MySQL

Soft skills: Project management, Technical Writing, Content Writing, Teamwork,

Good Communication Skills, Time Management, Quick Learner

Education

Nalla Malla Reddy Engineering College

Bachelor of Technology – Electronics and Communication Engineering; CGPA: 7.06

August 2019 – JULY 2023

Hyderabad, India

Krishnaveni Junior College

Stream: Maths, Physics, and Chemistry; Score: 85.7

June. 2017 – May 2019

Khammam, Telangana

Coding platforms

LeetCode: Solved 20+ problems and practiced DSA problems

GeeksForGeeks: Solved 20+ problems on GFG portal

Overall **20+ problems** practiced on CodeChef