Abhinav Gugulothu

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github.com/Abhinav-Gugulothu • linkedin.com/in/abhinav-gugulothu • Coding Profile

Career Objective

I am a diligent and accomplished individual who has successfully completed a Bachelor's degree in Computer Science with a commendable CGPA of 8.37 from NIT Andhra Pradesh. My academic journey has been complemented by invaluable experiences as a Web Developer Intern at UC Pro and as a Software Developer Intern at Broadridge. With a strong academic foundation and practical exposure, I am eager to embark on a fulfilling career path, continuously seeking growth and innovation in the ever-evolving world of technology.

Work Experience

Software Developer, Broadridge Financial Solutions

Broadridge,Hyderabad, Telangana.

January 2023–present.

- Led a team of interns in developing a fraud detection system for the reimbursement platform. The system leveraged API calls to OpenAI's GPT-4 OMNI machine learning models, along with Python for data manipulation and MongoDB for storing training data. Acted as the technical lead, guiding the team from concept to deployment, by effectively mentoring interns, fostering a collaborative environment, and ensuring each member's contribution. This resulted in a robust solution that reduced fraudulent reimbursements by 80%, enhancing system security and integrity.
- Led frontend development of "AWFT - Associate Welfare Fund Tracker" using React.js for an intuitive interface. Played a key role in application migration to Workstation theme, ensuring a modern user experience.
- Implemented a robust Java module consolidating JSON files from diverse locations into a single initializer, streamlining data retrieval for client-specific files.
- Spearheaded mainframe to Angular 12 migration, leveraging JSON for data reception. Met 100% service level objectives with high-quality code delivery.

Web Developer Intern, UC Pro

UC Pro, Remote.

April 2022–June 2022

- Contributed as a Web Developer Intern, leading a team in the creation of a feature-rich e-commerce application.
- Employed React.js for the frontend, Node.js with MongoDB for the backend, delivering a robust and scalable platform.
- Utilized GitHub for version control, ensuring collaborative development, and incorporated Material UI theme for an appealing user interface.

Academic Projects

InceptionResNet-V2: A Unified Embedding for Face Recognition,Classification and Clustering.

- Collaborated in a team of three to implement the research paper published by Google.
- Successfully developed the code for face recognition, classification, and clustering tasks, achieving an impressive accuracy of 97% for unmasked faces.
- Undertook an enhancement phase, refining the project by incorporating masked faces and training on Inception ResNet-Version 2 and achieved an accuracy of 93%.

Education

Bachelor of Technology (B.Tech) in Computer Science

National Institute of Technology (NIT) Andhra Pradesh, Andhra Pradesh.

August 2019–April 2023

CGPA : 8.37

- Relevant Coursework: Machine Learning, Distributed Computing, Computer Networks, Cryptography and Privacy, Artificial Intelligence, Operating Systems, Data Structures and Algorithms

Achievements

- Received a Key Contributor Award within the first year for designing and implementing robust and scalable modules using Java, significantly impacting project performance and scalability.
- First on the team to successfully integrate OpenAI's GPT-4 OMNI model into the product through API calls

Skills

Programming Languages: C++, Java, Python.
Web Development: HTML, CSS, Javascript, React, Node.
Databases: MySQL.
Familiar: Spring Boot,MongoDB, Angular, Redux, Tensorflow, AWS