Bhuvanesh Doddi

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EDUCATION

IIIT Dharwad **December 2021 – Expected May 2025**

B.Tech in Data Science and Artificial Intelligence, CGPA-7.18 *Dharwad, Karnataka, India*

EXPERIENCE

Infosys - Intern **February 2025 - Present**

STG Intern *Onsite*

- Developed Python scripts for deforestation detection using NDVI analysis. Researching on state of the art models
- Processed satellite imagery to exract the required bands for creating better data, also worked with satellite metadata.
- Designed and developed microservices architecture utilizing Java and Spring Boot.
- Implemented Spring Framework and Spring Boot for scalable and efficient architecture.
- Designing and developing RESTful APIs towards seamless communication between services.

Joora Drones - Intern **June 2024 - July 2024**

Business Development Executive Intern *Onsite*

- Contributed to marketing and business development strategies, enhancing the company's client acquisition processes.
- Designed and implemented improvements to the company's client outreach structure, leveraging social media and targeted sales funnels to drive traffic and engagement.

E-Cell Dev and Resources Team Lead **September 2023 - March 2024**

Leadership at club *Onsite*

- Led the IIIT Dharwad's E-Cell Dev and Resources team and organized multiple events to promote entrepreneurship.
- Managed the team and resources of the committee and enhanced my leadership skills.

PROJECTS

AlumConnect : Connect students with alumni of university. | *Flutter, Firebase* **October 2023 - December 2023**

- Built a comprehensive application to improve alumni connections.
- Implemented call and video call options using Zego Cloud API.We also implemented a chatting feature for the application.
- Engineered a scalable and high-performance back end connections using firebase and flutter integration.
- Segregated the functions according to the type of user : student and admin.

Claim Span Detection: used model stacking | *MuRIL,BIGRU,Transformer Encoder* **October 2024 - November 2024**

- Engineered a claim span detection framework, achieving precise identification of claims within text using advanced stacked models (e.g., MuRIL, BiGRU, and Tranformer Encoder,).
- Enhanced span detection accuracy by 90.1% through fine-tuning pre-trained language models like MuRIL and leveraging sequential architectures such as GRU for contextual understanding.
- Streamlined data preprocessing pipelines, efficiently handling annotated datasets with features like 'Claim-Start,' 'Claim-End,' and 'Claim-Terms,' ensuring high-quality model inputs.
- Validated the framework across real-world use cases, demonstrating scalability in tasks such as misinformation detection.

RELEVANT COURSEWORK

- Data Structures
- Operating Systems
- Database Management
- Bio Informatics
- Object Oriented Programming
- Computer Networks
- Spring Boot
- Rest APIs

TECHNICAL SKILLS

Languages: C/C++, Python, Java, Dart, JavaScript
Frameworks and Libraries: Flutter, Keras, Pytorch, Spring, Spring Boot
Databases: MongoDB, Firebase, SQL
Other Technologies: Firebase, REST API, Git, CI/CD, GitHub Actions