

Bhuvan S A

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github.com/bhuvansa | linkedin.com/in/bhuvansa

Skills

Languages: Python, C/C++, Java, Rust, JavaScript, TypeScript, SQL

Technologies & Tools: Next.js, AWS, EC2, DynamoDB, S3, SQS, Docker, ReactJS, Django, Flask, Selenium, Tkinter, GenAI, Tensorflow, Pandas, Numpy

Work Experience

Giftolexia Solutions Private Limited

Mar 2023 - Jun 2024

Data Analyst and Full Stack Developer Intern

- Led the development and dockerization of a full-stack dyslexia assessment application using Next.js, TailwindCSS, and Flask enabling parents to evaluate their child's likelihood of dyslexia.
- Spearheaded the development of a voice transcription-based system to detect dyslexia indicators in children's reading patterns, utilizing AWS Speech to Text and S3 for processing and storage
- Led the development of an eye-tracking data validation algorithm to improve accuracy in dyslexia assessments by detecting and marking invalid eye-tracking data.
- Next.js, React, TailwindCSS, AWS S3, ASR, PostgreSQL, Flask, Pandas, Numpy, Matplotlib, Docker

LiaPlus AI (formerly Write+ AI)

Jul 2023 - Oct 2023

Full Stack Developer Intern

- Played a pivotal role in developing web applications using Next.js, Flask and JWT while strictly adhering to REST API standards.
- Working as part of a team, I helped implement and optimize AWS services like DynamoDB, EC2, and SQS for queue-based request processing, leading to enhanced application performance and scalability
- Next.js, React, TailwindCSS, AWS EC2, S3, SQS, DynamoDB, Python, Flask, JWT, RESTAPI

Achievements

Hacksprint: 24-hour National-Level Hackathon

Jan 2024

1st Prize

- DrAIGuru a medical chatbot using LLMs. Fine-Tuned Llama-2 model on medical data (medllama2) running on a laptop GPU with queuing to handle multi user requests. Hosted on internet for easy access from mobile/desktop devices.
- Python, Streamlit, GenAI, LLMs, Web Hosting, Request Queuing.

BrainOVision Hackathon: 36-hour hackathon

Feb 2024

1st Prize

- ChatPdf a RAG (Retrieval-Augmented Generation) based chatbot to chat with documents
- Next.js, React, TailwindCSS, Python, GenAI, LLMs, RAG, Web Hosting.

Hack-A-League 2.0: 24-hour National-Level Hackathon

Feb 2024

2nd Prize

- Multi-Agent Sales Bot: Multi agentic AI models to automate sales tasks.
- Python, Streamlit, Langchain, CrewAI, LLMs, RAG, Multi-Agents, Web Hosting.

Projects

BhuvanSA.com

My portfolio website

- Explore my projects, internships, hackathons, and more at bhuvansa.com.
- Next.js, React, TailwindCSS, ShadCN, Web Hosting.

Feedback Form

A form to collect feedbacks for multiple teams and a dashboard to view insights.

- Python, Flask, HTML, CSS, JavaScript, jQuery, Pagination, Search, PostgreSQL

Education

Global Academy of Technology

Dec 2021 - Jul 2025

B.E. in Artificial Intelligence and Machine Learning

CGPA: 8.39/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Deep Learning, Design and Analysis of Algorithms, Computer Vision and Image Processing