Abhishek D S

Computer science student

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Summary

Software Developer with hands-on experience in full-stack web development (MERN), Java, and C++, along with UI/UX design using Figma. Built and deployed multiple scalable web applications and AI-driven tools. Published IEEE research, ranked in national hackathons, and actively contributed to open-source and academic conferences. Adept at turning ideas into production-ready solutions.

Education

B.E. in Computer Science and Engineering, 2022 – 2026
Adichunchanagiri Institute Of Technology, Chikkamagaluru, Karnataka, India Chikkamagaluru, India
CGPA: 8.5/10

Class 12, Pre-University, *SSEA PU College, Gauribidanur, Karnataka, India* 2021 – 2022
Gauribidanur, India

Class 11, Pre-University, *BGS PU College, Gauribidanur, Karnataka, India* 2020 – 2021
Gauribidanur, India

Skills

Programming: Java, C++, Python
Web Development: HTML, CSS, JavaScript, MongoDB, Express.js, React.js, Node.js
Tools & Platforms: Git, GitHub, REST APIs, Render, GitHub Pages
UI/UX Design: Figma, Material UI
Concepts: DSA, NLP, NER, Deep Learning, Vision Transformers

Languages

English
Fluent

Hindi
Basic

Kannada
Fluent

Telugu
Fluent

Certifications

- Celonis Academy - Fundamentals of Process Learning
- Bootcamp - Python Workshop Completion
- Udemy - MERN Stack Completion
- Microsoft AI Skill Fest

projects

AI Resume Generator
Built an AI-based resume generator without using external APIs. Leveraged NLP and Named Entity Recognition (NER) to extract key information from user prompts and generate customized, ATS-friendly resumes in real time.

Hidden Haadi, *A hidden tourist place exploratory website*
Developed a web app to promote hidden tourist destinations by automatically extracting location data from YouTube transcripts using NLP techniques. Integrated real-time network speed detection using OpenCL via Ookla APIs, with offline map suggestions for low-connectivity areas. Included personalized itinerary planning and interactive map-based UI.

Deep Learning Model for TIL Score Detection
Conducted a research project on histopathological image analysis, developing a hybrid deep learning model combining ResNet152 and Vision Transformer (ViT) architectures. Achieved 92% classification accuracy in predicting Tumor-Infiltrating Lymphocyte (TIL) scores for cancer diagnosis.

Portfolio Website
Developed a dynamic personal portfolio using React and Express.js, styled with Material UI for a modern, responsive interface. Deployed frontend via GitHub Pages and backend on Render with seamless integration to showcase projects and skills.

Achievements
- Secured **Top 3 positions in 3 out of 5 hackathons**, demonstrating consistent performance in delivering impactful technical solutions.
- **Published an IEEE research paper** on *Cancer Classification using Deep Learning Techniques*, contributing to advancements in medical image analysis.
- Served as a **volunteer at the IEEE International Conference** hosted by AIT, assisting with event coordination and gaining valuable exposure to academic and industry research environments.