Pranav Bhat P

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EDUCATION

B.Tech, Information Technology   Surathkal, Karnataka | Aug 2023 – Present
NATIONAL INSTITUTE OF TECHNOLOGY, KARNATAKA | CGPA: 9.4
 Coursework: Data Structures and Algorithms; Operating Systems; Computer Security, Networks

PUC   Bangalore, Karnataka | May 2021 – May 2023
DCFL PU COLLEGE, BANGALORE
KCET: RANK 144 | JEE ADV. : AIR 4385 | 2ND PUC BOARD: 97.17 %

PROJECTS

CRYPTONITE AI ⬈   FLASK, POLYNOMIAL REGRESSION, REACT.JS, TAILWIND CSS, SCI-KIT LEARN
An highly accurate prediction AI model for anticipating cyber attack vectors protecting critical cybersecurity infrastructure using the vast National Vulnerability Database maintained by the US Government. Winning submission at HackToFuture2.0 Hackathon.
Contributed towards building the front-end and design of the UI as well as the flask middle-ware and the final deployment of the AI Model.

WEB APP FOR IMAGE INPAINTING USING GANS ⬈   TENSORFLOW, PYTHON, REACT, FASTAPI, SCI-KIT LEARN
Web app for performing the process of Image Inpainting using Generative Adversarial Networks(GANs) as part of the IEEE Envision Project in NITK. 3-month long project to implement and deploy a complete AI Model as a web app.

IMAGE CLASSIFICATION OF BRAIN TUMORS USING VANILLA CNNS ⬈   CNNs, TENSORFLOW, PYTHON
Used a vanilla CNN for Image Classification of Brain Tumors. Succeeded in implementing an AI model with 93.7 % accuracy. Submitted project for the Impulse IEEE Hackathon and won the **5th place**.

STREAKLIT ⬈   NEXTJS, TAILWINDCSS, PRISMA, MONGODB, UPLOADTHING
Web app aimed at improving productivity on the web, by allowing users to keep a track of important web visits and streaks maintained on online websites. Additionally, the user can store images of certificates stored securely on a partner CDN.

COURSELITE ⬈   MERN STACK, TAILWINDCSS
Full stack website, for managing college course requests and workflows, streamlining course registration tasks, via a seamless and swift website made using the MERN Stack.

MARK-IT-UP ⬈   REACT, TYPESCRIPT, TAILWIND CSS
Front-End Project, aimed at creating a beautiful markdown editor for the desktop, enabling a more eye-catching UX than current solutions.

SKILLS

Languages: Java, C++, Python, SQL
Web Development: Next.js, React, JavaScript, TypeScript, HTML/CSS, Node.js
Technology/Frameworks: Material UI, Git, LaTeX, MongoDB, Tensorflow, PyTorch, Vercel, Flask, TailwindCSS
Softskills : Public Speaking, Group Discussions, Extempore, MUNning, Problem Solving

ACHIEVEMENTS

- Won First Place at HackToFuture 2.0, a state-wide hackathon, conducted at SJEC, Mangalore for the winning submission of CryptoniteAI.

- Secured 5th Place out of 70 teams in Impulse - A Campus Wide Hackathon for AI/ML and web-development enthusiasts, conducted by IEEE-NITK.