Aadityaa
Nagarajan

AI and ML Engineer | Ex-Intern @ Bosch(BGSW) | MERN Stack Dev

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ABOUT ME

I'm an AI and ML Engineer with a knack for crafting complex models and a strong foundation built through hands-on experience and dedicated learning. Currently pursuing B.Tech in Computer Science and Engineering at VIT Chennai, I excel in full-stack web development with expertise in the MERN stack. As the Web Dev Lead at HackClub and co-founder of OXLAC, I thrive in collaborative environments, driving innovation and achieving success, as evidenced by my track record of winning multiple hackathons and competitions. My passion lies in pushing boundaries and creating impactful solutions, and I'm eager to contribute my skills and expertise to drive positive change.

SKILLS

Programming languages: C, CPP, Python, Java, Javascript

AIML Technologies: TensorFlow, PyTorch, Scikit-learn, Keras, NLTK, OpenCV, Pandas, Numpy, XGBoost

Web Dev Technologies: Next.js, React, Express.js, Flask, Node.js, Mongo DB, TailwindCSS, HTML, CSS

Other: AWS, Docker, Firebase, Git-Version Control, Figma, Canva

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PROFESSIONAL EXPERIENCE

Bosch GLobal Software Technologies   **Aug 2023 - Nov 2023**
SDE Intern
Joined BGSW as a SDE Intern and gained knowledge working in Generative AI

Accomplishments:
- Gained familiarity with the software development life cycle (SDLC)
- Worked on integrating custom dataset with Chat GPT's Azure Open API
- Worked on a classified project involving Gen AI
- Gained knowledge on ITSM tools like SerivceNow

Oxlac   **Feb 2023 - Present**
Co-Founder and Web Developer
Co-founded of Oxlac, a service-based company specializing in providing software solutions

Accomplishments:
- Developed responsive AI-based web applications using the MERN stack and NLTK.
- Collaborated with cross-functional teams to deliver innovative solutions. Utilized HTML, CSS, JavaScript, React.js, and Node.js to create intuitive interfaces and implement secure APIs.
- Managed projects, ensuring high-quality code, meeting deadlines, and exceeding client expectations.

HackClub   **Oct 2022 - Present**
Web Development Team Lead
Web Dev Leader @ Hack Club a technical club in VIT Chennai.

Accomplishments:
- Contributed to the development of the HackQuest Website, a platform for a Capture The Flag (CTF) event held in VIT.
- I led the team in developing the Buddy Community Form, used to gather responses from new club members.

EDUCATION

2019 - 2021

Percentage : 85%

Higher Seconday Schooling

SISHYA SCHOOL HOSUR

VIT CHENNAI

Btech Computer Science

CGPA : 8.36

2021 - 2025

SVIS HOSUR

Primary Schooling

Percentage : 86%

2006 - 2019

PROJECTS

- AI-News-Article Summarizer - An AI-based news article summarizer that summarises, and finds the sentiment and author of any online article
- Home Automation System UI/UX - This is a home automation system prototype with considerations into the UI/UX field.
- Argus Extraction System - This is a mobile forensics project. It is designed to extract valuable information from mobile devices
- Factify AI fact checker - A fact verification dataset with a pre-trained model for predicting claim veracity based on evidence.

CERTIFICATES

- Convolutional Neural Networks in TensorFlow - DeepLearning.AI
- Advanced Learning Algorithms - DeepLearning.AI
- AI For Everyone - DeepLearning.AI
- Hands-on training on real-time application of machine learning - BrainSwig Edutech
- TensorFlow for AI, ML, and Deep Learning - DeepLearning.AI
- Supervised Machine Learning - DeepLearning.AI
- DataDash a Kaggle Competition - IEEERAS Society
- Hackoverflow 24 Hours Hackathon Finalist - Cyscom
- House of Developers 48-hr Hackathon - Runners - GDSC
- CyberX 24hr Hackathon Finalist - Greater Chennai Police & VIT Chennai
- Serverless Firebase Development - Google Cloud Computing
- Google Cloud Essentials - Google Cloud Computing
- Create and Manage Cloud Resources - Google Cloud Computing
- Certificate for Completion of Advanced Cpp Training - IIT Bombay