

Mohan Vaddella

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EDUCATION

VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY

BTECH IN COMPUTER SCIENCE
2020 - 2024 | AP, India

LINKS

Github:// [MohanVaddella](#)
LinkedIn:// [mohanvaddella](#)
Leetcode:// [mohanvaddella](#)
HackerRank:// [mohanvaddella](#)
Qwiklabs:// [MohanVaddella](#)
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COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Object-Oriented Programming
Database Management System
Operating Systems
Cloud Computing
Computer Networks
Machine Learning

SKILLS

PROGRAMMING LANGUAGES

Java • Python • Javascript • SQL •
HTML • CSS • C

FRAMEWORKS / LIBRARIES

React.js • Tailwind CSS • Node.js •
Express.js

DATABASES

MongoDB • MySQL

CLOUD / DEVOPS

AWS • GCP • Bash Scripting •
GitHub Actions

DEVELOPER TOOLS

Git • Github • Visual Studio Code •
Postman • Figma • UML

VOLUNTEER

EXPERIENCE

GOOGLE CROWDSOURCE

Contributed to core AI tech, optimizing
Google products for diverse languages
and cultures.

EXPERIENCE

IIT KHARAGPUR | FULLSTACK DEVELOPER INTERN

Jun 2023 - Jul 2023 | IIT Kharagpur, India

- Spearheaded designing and developing a Multiparty Authentication System for DRDO's project to achieve a 30% reduction in system vulnerabilities.
- Implemented robust user verification measures, contributing to a 15% increase in authentication accuracy.
- Honed problem-solving and communication skills by effectively working within a diverse team, leading to a 25% increase in project efficiency.

PROJECTS

VIDEO CLASSIFIER

Sep 2023 - Present

- Developed a platform empowering users to securely manage, and categorize ISRO videos, 20% increase in content retrieval.
- 35% growth in video search efficiency through intuitive image search engine.

Techstack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Amazon S3, TensorFlow, pandas, numpy, scikit-learn, boto3.

CRUDDUR

Feb 2023 - May 2023

- Built an API-powered engine hosted on AWS, paves the way for a new era of micro-blogging.
- Architected a 45% increase in user engagement through seamless content creation and delivery.

Techstack: Docker, AWS Fargate, Amazon ECR, Amazon DynamoDB, Amazon RDS, CloudFormation, Route53.

FERTILIZER RECOMMENDER

Sep 2022 - Oct 2022

- Developed a deep learning-powered system that scans leaves with eagle-like precision, detecting plant diseases with a remarkable 98% accuracy.
- Integrated real-time disease identification with swift treatment recommendations by 25% reduction in detection time.

Techstack: Azure Static WebApps, Azure HealthBot, Azure Maps, HTML, CSS, JavaScript, Numpy, Pandas, Matplotlib, sci-kit Learn.

CERTIFICATIONS

- [AWS Certified Cloud Practitioner](#)
- [Microsoft Certified Azure Fundamentals](#)
- [Google Cloud Certified Cloud Digital Leader](#)
- [Google Cloud Certified Associate Cloud Engineer](#)

COMPETITIONS / WORKSHOPS

- GDG DevFest 2023 Hyderabad.
- Salesforce Developer Days 2023 Hyderabad.
- IBM Hack Challenge 2022.
- AWS Deep Racer Student's League 2022.
- Google Cloud Ready Facilitator Program.
- GDSC WOW.