Nandavardhan Radhakrishnan

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○ https://github.com/nandavardhanRadhakrishnan/

Education

SRM Institute of Science and Technology Kattankulathur   **2021 − 2025**
B.Tech – Computer Science And Engineering with Specialization in Cloud Computing; CGPA: 9.21   *Chennai, Tamil Nadu*

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Design and Programming
- Computer Organisation and Architecture
- Design and Analysis of Algorithms
- Web Design and Development
- Software Engineering and Project Management
- Database Management Systems and Cloud
- Integration Services
- Computer Communications

Experience

Samsung PRISM | *Machine Learning (ML), Deep Learning (DL)*   **Aug 2023 − Feb 2024**
Intern   *Remote*
Project Description: An AI based OCR free Visual Information Understanding model for Android UI Screen Image

HDLC Technologies | *Android App Development*   **May 2023 − Jun 2023**
Intern   *Remote*
Course Description: Android App development with mini projects

Think Digital (Student Club) | *App Development Domain*   **Dec 2022 − Present**
Technical Domain Club Member   *Chennai*

Projects

Messaging app | *MongoDB, Express, Angular.JS, Node.JS*   **April 2024**

https://github.com/NandavardhanRadhakrishnan/MessagingAppMEAN

Developed a messaging platform with the MEAN stack (MongoDB, Express.js, AngularJS, Node.js). Implemented real-time messaging, user authentication, and a responsive UI. Created RESTful APIs with Express.js and Node.js, and used MongoDB for data storage. Utilized AngularJS for dynamic, single-page applications. Demonstrated full-stack development skills and effective use of modern web technologies.

BingeIt | *React, TypeScript, LLM, API*   **June 2024**

https://github.com/NandavardhanRadhakrishnan/BingeIt

Developed using React, BingeIt is an intelligent recommendation system for movies, books, and TV shows. Leveraging large language models (LLMs) and API integrations, the application analyzes user preferences based on previously consumed content to provide personalized recommendations. BingeIt seamlessly combines modern front-end technology with sophisticated natural language processing to enhance the user experience and ensure relevant, high-quality suggestions.

Personnel Manager | *C#, CRUD, Microsoft SQL Server*   **August 2022**

Designed and developed a robust Personnel Management System using C# in conjunction with Microsoft SQL Server. Created a comprehensive CRUD (Create, Read, Update, Delete) application for efficient tracking and management of personnel records.

Bone Age Prediction Model | *ML, Tensorflow, Keras*   **January 2024**

https://github.com/NandavardhanRadhakrishnan/BoneAge

Wrote a paper comparing 3 different models for estimation of Bone age in months taken from Xray of infants. Paper submitted to IEEE, under review

An AI based OCR free Visual Information Understanding model for Android UI Screen Image   **Aug 2023**

AI based project under Samsung PRISM to recognise text and other elements in a image without using OCR. Created a large database. worked with a team of 4 students, 2 professors and 2 mentors from Samsung

Technical Skills

Technical Skills: Python, C, C++, C#, Java, Java Servlet, JSP, SpringBoot, Angular.JS, Express, Node.JS, React, HTML, CSS, JavaScript, TypeScript, Docker, Kubernetes, .NET, Flutter, SQL, MongoDB, Firebase, GitHub, Git, Tensorflow, Keras, Machine Learning, Deep Learning, Computer Vision, CUDA, Algorithms, API, Pandas
Soft Skills: Analytical, Data Driven, Leadership, Project Management

Certifications

- Supervised Machine Learning: Regression and Classification - Coursera
- Introduction to Big Data - Coursera
- MATLAB Onramp - MathWorks
- AWS Academy Cloud Architecting - AWS Academy Graduate
- AWS Academy Cloud Foundations - AWS Academy Graduate
- AWS Academy Machine Learning Foundations - AWS Academy Graduate
- Introduction to Packet Tracer - Cisco