

Yadava Kishore Chodipilli

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Education

Indian Institute of Technology, Bhilai

July 2019 – May 2023

Bachelor of Technology in Electrical Engineering (Department of EECS) (CGPA: 7.88 / 10.00)

Raipur, Chattisgarh, India

- **Relevant Coursework:** Introduction to Machine Learning, Computer Networks, Cryptography, Data Structures, Algorithms, Data Analytics and Visualization, Database Management Systems(RDBMS), Operating Systems.

Experience

Cunomial Technologies

July 2023 – Current

Technical Analyst

Bangalore, Karnataka

- Designed and implemented fullstack responsive software applications with ReactJs, NextJs, **NodeJs**, ShadCn and Tailwindcss. Rewrote analytics part of the software for our major product. Built a drag and drop mail builder for framing a new project for company. Currently leading full-stack development for csr management software. Reduced a project's **docker** image size by 30.7% with distroless technology.
- Introduced **Bun**, a NodeJs drop-in replacement javascript runtime environment into the organization as backend choice for newer projects. Currently using **ElysiaJs**, a bun framework for a production project.
- Proposed TypeScript into the organization, significantly enhancing the maintainability and clarity of the codebase.

Myriad

April 2022 – August 2022

Web3 Developer Intern

Remote

- Worked on client projects using React, Ethers.js, **Express.js** and related technologies in production environment.
- Executed smart contract integration with React using Web3.js and Ethers.js.
- Managed and developed backends of Node.js and **koa.js** frameworks. Implemented frontends with React from Figma designs
- Projects: Penrose, Unite Finance, blockchain games

Projects

Spotify Clone with spotify api | React.js, NextJs, Spotify permium api, NextAuth, Recoil

- A perfect spotify clone with spotify premium api at the core. Has realtime data sink with all signed in devices with the spotify account.
- Implemented pixel perfect UI for all spotify pages with Nextjs and TailwindCss. Integrated all apis close to real spotify app.

Medical Diagnosis App | React.js, NextJs, FastApi, Decesion Tree Classifier, Kaggle dataset, docker, docker-compose

- A full stack project that can predict diseases based on the symptoms and gives disease description and avoiding precautions accordingly.
- A decision tree machine learning model was trained on kaggle dataset. A REST api was made with python's FastApi to use the ml model. Frontend is made with Nextjs.
- With containerization technologies like docker, made backend and frontend both containers. and the communication between two containers was setup with docker-compose.

Smart Street Light System | Flutter, TensorFlow object detection model

- A mobile application that can detect objects like person, vehicles, bicycle and turns on street lights automatically
- Sends signal to a connected external Esp32 micro controller device, which controls the street lights.

Technical Skills

Languages: Javascript/Typescript, Python, C/C++, Dart, SQL, HTML, CSS, Solidity, Rust, Java

Technologies: React.js, NextJs, Express.js, Node.js, Shadcn, ElysiaJs, Django, FastApi, TensorFlow(keras), PyTorch, Flutter, Tauri, Spring Boot, Ollama.

Concepts: Machine Learning, Deep Learning, Kubernetes, Docker, Git, Linux, Prometheus, Github Actions, GitLab CI/CD

Databases: PostgreSQL, SurrealDB, MongoDB, Neo4j, Redis, DrizzleORM

Web3: Web3.js, Ethers.js, Truffle, Hardhat, Remix, OpenZeppelin, DeFi domain knowledge