CHANDAN M

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Professional Summary

Enthusiastic and skilled in Development, cloud infrastructure and DevOps practices, aspiring DevOps Engineer. Proficient in deploying and managing AWS resources (EC2, IAM, S3, RDS) and Alibaba Cloud services. Experienced with CI/CD pipelines using Jenkins, Docker, Maven, and Kubernetes for container orchestration. Adaptable and collaborative, with strong problem-solving skills to support and automate IT infrastructure operations.

Education

- **KSSEM — B.E in Computer Science and Business Systems**
   CGPA: 8.7 — 2022-2026
- **CarmelPre-Univesity College**, Bengaluru, Karnataka
   Pre-University, PCMB- 84.16%

Key Skills

- **Programming Languages :** Python , Java (Basics) , Java Script , Php
- **Frontend Technologies:** React.js, Flutter, HTML, CSS, JavaScript
- **Backend Technologies:** Python (Flask, Django), Node.js, PHP
- **Databases:** MySQL, Mongo DB, AWSS3, AWSRDS, SQLite
- **API Development:** RESTful API design and integration
- **Cloud Computing:** AWS core services – EC2, S3, VPC, IAM, Lambda, RDS
- **DevOps Tools:** Git, Docker (basics), CI/CD concepts, Jenkins, Maven, Kubernetes
- **Version Control & Collaboration:** Git/GitHub, code review, branch management

Projects

AI-Powered Farmer-to-Retailer Crop Selling Marketplace

- Developed a web-based platform connecting farmers directly with retailers, eliminating middlemen and ensuring better profits for producers.
- Integrated AI models to recommend high-demand crops based on real-time market trends and demand analysis.
- Built and deployed complete frontend and backend using Flask and SQLite with secure data storage and smooth user interaction.
- Launched and hosted the entire application on AWS, utilizing cloud infrastructure for scalability and reliability.

Technologies: HTML, CSS, JavaScript, Python (Flask), SQLite, AWS, AI/ML

Rydora – Ride-Sharing App for Urban Mobility

- Designed a scalable ride-sharing app focused on the bike taxi ecosystem in Bangalore as an alternative to Uber, Ola, and Rapido.
- Developed Flutter-based UI with real-time location tracking and implemented face verification for driver authentication.
- Worked on route optimization algorithms and backend APIs with Python.

Technologies: Flutter, Python, OpenStreetMaps API,GraphHopper Maps API , Face Detection.

Baby Bot – Conversational AI for Toddlers

- Built an AI-powered chatbot designed to improve speech development in toddlers through interactive, natural language conversations.
- Designed child-friendly vocabulary and conversational flows using NLP models and integrated early speech recognition with text-to-speech.
- Targeted real-world speech delay issues in children above age 2 to enhance communication skills.

Technologies: Python, NLP, spaCy, TensorFlow, Speech Recognition, Text-to-Speech

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Achievements ([Link](#))

- **1st Place Winner** – Karnataka Regional Showcase by Edunet Techsaksham (Sponsored by Microsoft), Hassan
Secured 1st place among 300+ teams from 6+ colleges by developing an innovative AI solution with real-world impact.
- **IoT Club Lead**, KSSEM (2024–2026)
Led a 12-member team under the CSBS forum to organize IoT workshops, technical events, and smart system projects.
- Participated in multiple national and college-level hackathons (2022–2026)
- **Class Representative**, CSBS Department, KSSEM (2022)
- NSS Volunteer and Kho-Kho Player

Certifications ([Link](#))

- Full Stack Development MasterClass - Novi Tech R & D
- AWS Certified Solutions Architect – Solution Architecture Job Simulations (Forage)
- Innovating With Google Cloud AI (Google Cloud, Simplilearn)
- Applied Artificial Intelligence: Practical Implementations (Edunet)
- Artificial Intelligence Master Class - Pantech AI Solutions
- DevOps Foundation
- Data Analytics - Novi Tech R & D