

MOHITH H M

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SUMMARY

App Developer & DevOps Engineer with experience building scalable mobile and cloud-native applications. Skilled in Flutter, GCP, Docker, and Kubernetes, with expertise in integrating AI/ML services such as chatbots, speech recognition, and multilingual systems. Strong foundation in software engineering, with proven contributions through internships and hackathons.

EDUCATION

Nitte Meenakshi Institute of Technology <i>BE - Information Science and Engineering - CGPA - 8.27</i>	2022 – 2026 <i>Bengaluru, Karnataka</i>
Shri Deveraj URS Pre University College <i>KSEAB - Karnataka State Board - PCMC - 95%</i>	2020 – 2022 <i>Dodballapur, Karnataka</i>
Sheshadripuram Public School <i>ICSE - Indian Certificate of Secondary Education - 87%</i>	2010 – 2020 <i>Bengaluru, Karnataka</i>

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, HTML, CSS
Backend: MongoDB, MySQL, Postman
Cloud & DevOps: Docker, Kubernetes, Jenkins, GCP
Web & Mobile Technologies: Flutter, Firebase, RESTful APIs
Tools & Platforms: Git, GitHub, VS Code, PyCharm, Figma, Adobe Creative Suite

CERTIFICATIONS

- Implement DevOps Workflows in Google Cloud
- Level 3 GenAI: Prompt Engineering
- Unity Essentials : Foundational course

PROJECTS

LexiFIR 🔗 AI-Powered Multilingual Legal Chatbot	Dec 2024
<ul style="list-style-type: none">• Engineered a mobile-first legal assistant automating FIR drafting with AI chatbot and dynamic content presentation.• Designed intuitive UI/UX and integrated Spring Boot microservices with Amazon Transcribe (Speech-to-Text) & Translate for multilingual support.• Implemented Groq + LLaMA 3-8B RAG system to retrieve IPC sections contextually from user queries.	
LearningAppGenAi 🔗 Intel Unnati Internship	Mar 2025
<ul style="list-style-type: none">• Built an adaptive learning app that generates personalized study plans, quizzes, and streak-based goals using Gemini API.• Integrated Gemini API to create dynamic interactive quizzes, track user progress, and implement goal-setting features to boost motivation through streak-based learning.• Developed backend in Python/Flask, interactive UI in Unity, and responsive front-end in HTML/CSS.	
AIS & GIS Encoder/Decoder System 🔗 BEL Internship	Oct 2024
<ul style="list-style-type: none">• Developed AIS/GIS signal encoder-decoder with AES-256 encryption for secure maritime communication.• Reduced GPS message error rates by 60% via optimized NMEA parsing, ensuring reliable decoding across AIS message types (1-27).	

EXTRACURRICULAR

- Finalist - Smart India Hackathon 2024 (Software Edition)
- Design member - Blockchain and Cybersecurity Club.
- Active participant in tech communities, contributing to discussions on emerging technologies and industry practices.