K A NIHADH MUHAMMED

COMPUTER SCIENCE ENGINEER

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Palluruthy, Cochin-6

EDUCATION

Bachelor of Technology - Computer Science

Toc H Institute of Science & Technology, Arakunnam, Kerala

2020 - 2024 | CGPA: 6.5/10

WORK EXPERIENCE

Full Stack Developer (MERN Stack)

D4DX Innovations LLP, Calicut

June 2025 - Present

- Developed full-stack web applications using MongoDB, Express.js, React, and Node.js with modern JavaScript
- Built and integrated RESTful APIs using Axios for HTTP requests and implemented CORS configuration for secure cross-origin communication
- Designed responsive and dynamic user interfaces with React and Tailwind CSS, creating reusable components for enhanced user experience
- Implemented JWT-based authentication and authorization systems with role-based access control for secure data management and user verification
- Collaborated with development teams using Git for version control, Postman for API testing, and AI tools (Cursor, Replit) to accelerate workflows

Full Stack Developer Intern

FIXWARE TECHNOLOGIES LLP, Kochi

June - July 2024

- Gained hands-on experience in mobile and web application development using Flutter framework
- Learned database management concepts and SQL query optimization for efficient data handling
- Collaborated with development team to complete training projects and understand software development lifecycle

Cyber Security Intern

FIXWARE TECHNOLOGIES LLP, Kochi

June - July 2024

- Completed intensive cybersecurity training covering threat detection, network defense, and digital forensics fundamentals
- Explored vulnerability scanning tools, penetration testing frameworks, and security assessment methodologies
- Participated in simulated cyber attack scenarios to understand incident response and security mitigation strategies

SKILLS

Programming Languages: Python, JavaScript, Java, C, SQL

Frontend: React, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, SQL

Tools & Technologies: Git, GitHub, Postman, JWT Authentication, NLP

PROJECTS

Alba Marine Enterprise Management System | React, Node.js, Express.js, MongoDB, JWT, Tailwind CSS

- Developed a comprehensive enterprise management system for marine industry operations with employee tracking and billing
- Built token-based compensation system calculating employee payouts with automated deductions and weekly reports
- Implemented secure admin authentication using JWT and MongoDB for data management
- Created billing and inventory management module tracking purchases, vehicle details, and product specifications
- Designed responsive UI with React and Tailwind CSS, integrated PDF generation for automated payout reports

AI-Based Mock Interview Evaluator | Python, Flask, NLP, SQL

- Developed an AI-powered platform to simulate real interview scenarios using Natural Language Processing
- Implemented adaptive questioning system to adjust difficulty based on user performance and responses
- Analyzed responses for clarity, confidence, and relevance through NLP algorithms and sentiment analysis
- Built a Flask-based backend with SQL database to store user profiles, interview history, and performance metrics
- Provided automated feedback and comprehensive performance reports to help users improve interview skills

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CERTIFICATIONS & COURSES

React - The Complete Guide 2025 (incl. Next.js, Redux)

Udemy, September 2025

AI For All - AI Aware Program

Intel & Digital India, June 2025

Introduction to Natural Language Processing

Infosys Springboard, August 2024

Introduction to Deep Learning

Infosys Springboard ,August 2024

Introduction to Artificial Intelligence

Infosys Springboard ,August 2024

NASSCOM Certification Program in Cybersecurity and Forensics

September 2023

LANGUAGES

English, Malayalam, Hindi