ADITHYA KRISHNA

Full-Stack Developer at UST

Full-Stack Developer at UST with expertise in Python and AI-driven applications. Proficient in React, JavaScript, and Angular, I specialize in building scalable solutions with seamless AI integration. Passionate about intuitive UI/UX and innovative software development, I focus on delivering impactful and efficient applications

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🖱 adithyakochupurackal.github.io/Portfolio

○ github.com/adithyakochupurackal

EDUCATION

APJ Abdul Kalam Technological University
Bachelor of Technology - BTech, Computer Engineering

08/2020 - 05/2024   Grade: First Class (75.55 %)

Mar Coorilose Higher Secondary School - Pattimatom, Kerala, India
Higher Secondary Education, Computer Science

07/2018 - 03/2020   Grade: 94.55%

Mar Athanasius Memorial Higher Secondary School - Puthencruz, Kerala, India
SSLC, 10th Board

06/2017 - 03/2020   Grade: 100%

WORK EXPERIENCE

Developer-I Software Engineering (10/2024 - Present)

– At UST Global, as a Full-Stack Developer, I leveraged my expertise in Python and AI-driven applications to design and deliver scalable, high-performance solutions under tight schedules. Collaborating closely with the Gen Ai UK Team, I integrated advanced AI functionalities into web applications and built robust full-stack solutions using Python, React, JavaScript. I worked with cross-functional teams to drive cutting-edge projects, optimize user experiences with intuitive UI/UX designs, and maintain quality through agile methodologies and CI/CD practices, resulting in AI-enhanced projects that significantly boosted operational efficiency and user engagement.

PROJECTS

Attendance Management System Using Multiple Face Detection and Recognition Using FaceNet
.

Engineered an advanced attendance management system using FaceNet for real-time multiple face detection and recognition, achieving 98% accuracy in identifying personnel which led to a 30% reduction in timekeeping discrepancies

AI - based Career Recommendation System
.

AI automates candidate screening and offers data-driven hiring recommendations. Comprehensive job role and candidate profiles created through data preprocessing. Web-based platform seamlessly integrates with HR systems, streamlining the hiring process for efficiency and accuracy

DBMS PROJECT: LIBRIARY MANAGEMENT SYSTEM
.

LMS streamlines library operations with features like cataloging books and automating overdue reminders. User-friendly interface benefits librarians and patrons, improving the library experience. Aims to enhance resource utilization, ensuring easy access to library materials.

SKILLS

Programming Languages & Frameworks: Python, Java, Spring Boot, Angular, C

Software Development: Microservices Architecture, Application Development.

Database: Database Management, SQL

Problem-Solving & Algorithms: Data Structures, Algorithms, Debugging

Soft Skills: Team Collaboration, Leadership, Communication Skills, Adaptability.

CERTIFICATES

Business English Certificate (Cambridge English) (2021)
The BEC course enhances business communication proficiency, covering presentations, negotiations, and professional email writing. It boosts confidence in English for diverse business contexts, improving career prospects and international opportunities. Completion signifies strong business English skills

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Malayalam
Full Professional Proficiency