

# Kanish Khan

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## Education

**Amrita University, Coimbatore** - B.Tech in Computer Science

Jul 2023 - Jul 2027

(Expected)

CGPA: 6.93

**SSVM** - Higher Secondary Certificate

Jun 2021 - Apr 2022

Score: 93.33%

## Experience

### STAXTECH — Frontend Intern

Dec 2025 | Virtual | Live

- Developed a fully responsive portfolio website using **HTML, CSS, JavaScript, and React**, increasing usability across mobile and desktop devices.
- Built reusable UI components and applied mobile-first principles, resulting in a 30% improvement in layout consistency across screen sizes.
- Added interactive frontend features and refined rendering performance, enhancing page load efficiency and overall user engagement.
- Tech Stack:** HTML, CSS, JavaScript, React

## Projects

**Secure Assignment Submission & Storage System** | *Node.js, Express.js, MongoDB, JWT, AES-256*

GitHub | Live

- Developed a secure assignment management platform with **JWT-based authentication**, enabling controlled access across multiple user roles.
- Implemented **AES-256 encrypted file storage**, ensuring confidentiality of submitted assignments and protection against unauthorized data exposure.

**Pharma Supply Chain** | *Solidity, Smart Contracts*

GitHub | Live

- Created a decentralized **Solidity smart contract** enabling secure medicine traceability with role-based access across supply-chain stages.
- Ensured **tamper-resistant logistics** through immutable transaction records, preventing counterfeit entries and verifying ownership transfers.

**MARINA — Edge Scheduling Framework** | *LSTM, Task Scheduling, SUMO*

GitHub | Live

- Implemented a **mobility-aware task scheduling framework** using LSTM-based prediction and heuristic optimization for edge environments.
- Designed a three-layer Edge–MEC–Cloud architecture, achieving **91% task completion** with significant latency and computation cost reduction.

## Technical Skills

**Programming Languages:** Java, Python, C

**Web Technologies:** HTML5, CSS3, JavaScript

**Frameworks & Libraries:** React, Node.js, Express.js

**Databases:** MongoDB, SQL

**Developer Tools:** Git, GitHub, VS Code

**Areas of Interest:** Full-Stack Development, Business Analytics, Data Analytics

## Certifications

**OCI Generative AI Professional** - Oracle University

**AWS Academy Graduate - Data Engineering** - Amazon Web Services

**Web Development with AI** - Internshala Trainings