ASHWATH JOHN

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EDUCATION

Cochin University of Science and Technology, Kochi — 2021-2025
Bachelor of Technology in Information Technology — **CGPA**: 7.72

EXPERIENCE

Deltasoft Consulting Pvt Ltd , Kochi — June 2024 – July 2024
Web Developer Intern
- Developed the front-end of a client's website using **React.js** and **Material-UI**, improving load times by **25%** and user satisfaction by **40%**.
- Integrated APIs with the backend using **REST API** and POSTMAN, reducing error rates by **35%** and increasing data retrieval speed by **30%**.

NOTABLE PROJECTS

Campus-Connect
- Created a web-app that serves as a **Social-Media** platform that caters to a particular university or campus of students and alumni.
- Orchestrated full UI/UX design process using **Figma**, including wireframing for optimal user experience.
- Developed web application using **JavaScript** and **React** for frontend functionality, supported by a **Node.js** backend and integrated **MySQL** database.

Smart-Farm: Mobile Application
- Transformed a **patent-acquired PhD** concept into a practical application for biometric security in Smart Farming.
- Implemented sleek user interface using **React Native** for frontend, ensuring seamless user interaction.
- Leveraged **Firebase** and **Flask** for backend infrastructure, integrating **Firebase Cloud CP-ABE** encryption for secure handling of fingerprint data.

GDrive-Backup
- Developed a Python script that **automates the backup of important files** to Google Drive, ensuring data safety and version control.
- Utilized **Google Drive API** for secure and efficient upload, with **OAuth 2.0** authentication to manage user credentials.
- Implemented functionality to upload specified files to a designated folder in Google Drive, with **regular scheduled backups**.

CERTIFICATIONS

- **Cloud Computing**
  Issued by the Indian Institute of Kharagpur (IIT) via NPTEL focusing on cloud architecture, services and deployment models.
- **Introduction to DevOps**
  Issued by IBM on Coursera covering key DevOps principles and practices.
- **Programming for Everybody (Getting started with Python)**
  Issued by University of Michigan via Coursera providing basics of programming using python.

TECHNICAL EXPERTISE

Python, ReactJS, Figma, Overflow, React Native, Canva, HTML5, Tailwind CSS, NodeJS, MySQL, Firebase, Javascript, C++, Docker, Git