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## Summary

A 2024 Computer Science graduate specializing in full-stack development with certified expertise in the MERN stack. Hands-on experience includes building a **Learning Management System (React Native app and React.js admin panel)** with secure role-based access and a **Node.js/Express.js backend**. Additionally, developed an **Event Management Web App and ERP system** with PostgreSQL and real-time features. Seeking to leverage proficiency in **scalable RESTful APIs, modern front-end frameworks, and cloud deployments** to contribute to an innovative organization.

### Core Skills:

- **Programming Languages:** Python, JavaScript
- **Full Stack Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, RESTful APIs
- **Database Management:** MongoDB, PostgreSQL(**Sequelize**)
- **Frontend Technologies:** Reactjs, Nextjs, ReactNativejs, HTML, CSS, Bootstrap, Daisy UI, Tailwind CSS, Material UI
- **Backend Development:** Nodejs, Expressjs
- **Version Control:** Git
- **Networking:** CCNA (Switching, Wireless, and Routing Essentials)
- **Cloud Deployment (CI/CD):** Render, Railway, AWS, Vercel, Supabase

## Professional Experience

### Full Stack Developer Intern, IT Solution Experts.

May 2025 – Present

- Contributed to multiple full-stack projects including a **Learning Management System (LMS)**, **Event Management Web App**, and **ERP School Management System**, delivering responsive UIs and scalable backends.
- Built cross-platform applications using **React Native (Expo, Redux)**, **React.js**, **Next.js**, **Vite**, integrated with **Node.js/Express.js** and **PostgreSQL (Sequelize)**.
- Designed and maintained **Admin Panels** (React.js/Next.js) with Material UI, DaisyUI, and Tailwind CSS, enabling efficient data and user management.
- Implemented **RESTful APIs**, **JWT-based authentication**, **real-time features**, and **Postman-based testing** to improve reliability and security.
- Deployed projects across **AWS (Elastic Beanstalk, EC2, S3, MediaConvert, RDS, CloudTrail)**, **Render**, **Vercel**, and **Supabase**, ensuring scalable production and development workflows.
- Developed and launched a **WordPress company website** to enhance branding and client engagement.
- Collaborated in an **Agile environment**, using **Git/GitHub**, **CI/CD pipelines**, and team-based workflows for efficient project delivery.

### Software Developer Intern, Logiprompt Techno Solutions.

August 2024 - February 2025

- Developed a **full-stack MERN application** for **sports venue booking, tournament management, and real-time score updates**.
- Designed and implemented features including role-based access for Admins, Owners, and Users, alongside **secure token-based authentication**.
- Utilized skills in **Node.js**, **React.js**, **MongoDB**, **Express.js**, **Next.js**, **Tailwind CSS**, **DaisyUI**, **Bootstrap**, and practiced version control with **Git** and **GitHub**.

## Projects

### Athletisphere: Sports Management & Social Engagement Platform

- Developed a **full-stack MERN application** for **sports venue booking, tournament management, and real-time score updates**.
- Implemented **role-based access control** for Admins, Turf Owners, and Users, ensuring secure authentication and authorization.
- Built a **scalable backend** with **MongoDB** and **Express.js**, optimizing data handling for users, turfs, and tournaments.

### Fake Currency Detection Using Deep Learning

- Developed a **deep learning model** using **ResNet50** to detect counterfeit banknotes based on complex patterns and features.
- Implemented in **Python**, leveraging **computer vision and convolutional neural networks (CNNs)** for accurate classification.

## Secure File Storage on Cloud Using Hybrid Cryptography

- Designed a **secure cloud storage system** using **Chacha20-Poly1305, AES (AESCCM & AES GCM), and Fernet encryption** for data confidentiality and integrity.
- Implemented **robust key management** and a **user-friendly file management interface in Python**.

## Education

2020 - 2024 | Bachelor of Technology in Computer Science and Engineering | CGPA: 6.59

Mohandas College of Engineering and Technology, Anad

2018 - 2020 | Higher Secondary Education

Bharatiya Vidya Bhavan Senior Secondary School, Koduganoor

2017 - 2018 | Secondary Education

Bharatiya Vidya Bhavan Senior Secondary School, Koduganoor

## Certifications

- **Full-Stack Development (MERN Stack)** (4 months)
- **CCNA: Switching, Wireless, and Routing Essentials (SWRE)**

## Workshops

- **Cybersecurity & Ethical Hacking** by Tech By Heart, Ernakulam.
- 6-day Placement Training Program – ‘**Finishing School**’ at MCET
- **Python for Data Science** coding workshop by Srishti Innovative Computer System, Technopark