Mohan Pasalapudi

+91-7730848986   2100030406cseh@gmail.com   linkedin : mohan-pasalapudi   Github : mohan-pasalapudi

Education

B.Tech in Computer Science and Engineering, K L University   **Aug 2021 – May 2025**
CGPA : 9.5

Intermediate - M.P.C , Aditya Junior College   **Jun 2019 – May 2021**
Marks : 919/1000

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Operating Systems
- Object Oriented Programming

Experience

William O'Neil India Pvt Ltd.   **Aug 2024 - Present**
Software Developer Intern   *Bengaluru, Karnataka*

- Undergoing comprehensive training in Microsoft Dynamics NAV 2018 Supply Chain Management, focusing on ERP workflows and module customization.
- Developed Power BI reports and designed tables, pages, and reports in Dynamics NAV to deliver business insights and support core operations.
- Built and exposed custom APIs using OData web services, enabling seamless third-party integrations and real-time data access. Utilized Postman for API development, testing, and debugging, ensuring robust and efficient endpoints.
- Created and managed automated report emails through SQL Reporting Server while collaborating with SQL Server Reporting Services (SSRS) and SQL Server Management Studio (SSMS).

Projects

DishDive -Recipe Explorer App | React.js | Link   **Aug 2023 - Nov 2023**

- Developed a responsive recipe app that fetches real-time recipe data from Spoonacular API
- Implemented detailed recipe views showing ingredients, cooking instructions, preparation time, servings, and dietary info.
- Integrated asynchronous data fetching with React hooks to display dynamic content efficiently.

Online Art Gallery | Java, SringBoot, Mysql, html5, CSS,Razorpay payment gateway | Link   **Aug 2023 - Nov 2023**

- Developed a full-stack web app for a college hackathon, connecting 500+ artists and enthusiasts.
- Enabled role-based access control and integrated Razorpay for secure transactions.

Banking and Financial System | Python, Django, Mysql, html | Link   **Jan 2023 - May 2023**

- Developed a full-stack Banking Management System using **Django**, implementing core functionalities such as user registration, account creation, fund deposit, money transfer, and **transaction tracking**.
- Implemented **role-based authentication** for Admin, Employee, and Customer accounts with dedicated dashboards and **secure session-based** access control.
- Implemented **session timeout middleware** for **auto-logout** of inactive users and used Django **Forms, ORM, and template inheritance** for secure, efficient, and maintainable development.

AI Project: ImageToText − OCR Web App | Python, Tesseract OCR, PyTorch | Link   **Sep 2022 - Nov 2022**

- Developed a Student ERP during a college hackathon to manage student data, working with a team of three.
- Integrated with MongoDB Atlas via Express.js and Node.js, reducing data load times by 30%.
- Collaborated with the team to build features, resulting in a 40% improvement in data retrieval speed.

Technical Skills

- **Programming Languages** : Java, Python, C
- **Frontend TechStack/libraries** : HTML5, CSS3, JavaScript, React.js, Material UI
- **Backend TechStack** : Django, SpringBoot, Rest APIs
- **Database/Tools/Cloud** : SQL, PostgreSQL, MySQL, Maven, Git, AWS, Power BI, Postman

Certifications

- **AWS Certified Cloud Practitioner** | **Amazon Web Services**| Link
- **Programming in java** | **NPTEL** Link
- **Red Hat Certified Enterprise Application Developer** | **RedHat** Link
- **Java Basics** | **Hackerrank** Link
- **SQL Basics** | **Hackerrank**Link