

PAVANKALYAN MATHALA

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Education

NRI Institute of Technology

B.Tech in Computer Science Engineering — CGPA: 8.6/10

Aug 2020 – Apr 2024

Andhra Pradesh, India

Experience

GalaxE.Solutions

Junior Developer

Aug 2024 – Present

Bangalore, India

- Working on **GxCapture**, a Spring Boot-based healthcare platform that simplifies benefit management for insurers and clients.
- Developed robust microservices for document ingestion, claim processing, and communication using REST APIs.
- Built ReactJS components for seamless UX, focusing on modularity and performance across dashboard and forms.
- Collaborated with QA and product teams to automate test flows and accelerate sprint delivery timelines.

Projects

GxCapture – Health Benefit Management Platform

Java, Spring Boot, ReactJS, MongoDB

- Designed and developed RESTful communication and mailing services to automate interactions between users and insurance providers.
- Optimized backend notification workflows, reducing manual communication by 15% and enhancing system reliability.
- Built and integrated frontend modules in ReactJS for benefit plan visualization and real-time status tracking.
- Implemented secure, role-based access control (RBAC) to manage user privileges across admin and insurer portals.

Technical Skills

- **Languages:** Java, Python, JavaScript, SQL, HTML/CSS
- **Frameworks & Tools:** Spring Boot, ReactJS, REST APIs, Git, Postman, VS Code
- **Concepts:** Data Structures and Algorithms, Object-Oriented Programming, Microservices, MVC Architecture

Achievements

- Winner of two inter-college hackathons at **NRIIT**, recognized for rapid prototyping and problem-solving.
- Solved 300+ problems across platforms like LeetCode, HackerRank, and GeeksforGeeks.
- Secured 88% in **NPTEL** and was offered a role as an **IIT Technical Assistant** based on academic performance.

Profiles

- **HackerRank:** 5 rated in Problem Solving and Java
- **LeetCode:** 300+ DSA problems solved with 200-day streak