

# SAI PRANAY GEETLA

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## SUMMARY

- Motivated software developer with skills in Java, Spring Boot, React, SQL, and GCP. Strong problem-solving ability with hands-on experience building applications, working with APIs, databases, and cloud environments. Focused on writing clean, reliable, and efficient code.

## TECHNICAL SKILLS

- Languages:** Java, Python, SQL
- Backend:** Spring Boot, REST APIs, JPA, Microservices Basics
- Frontend:** React.js, HTML, CSS
- Cloud:** Google Cloud Platform (GCP) (Cloud Run, Storage, IAM, Compute Basics)
- Databases:** MySQL, SQL Querying
- DevOps & Tools:** Docker, Git/GitHub, Postman, CI/CD Basics
- Concepts:** Data Structures & Algorithms, Object-Oriented Design, Agile Methodology

## EXPERIENCE

### Tech Mahindra Limited

Hyderabad, India

Associate Software Engineer

Sept 2024 to present

- Completed Java Full Stack and GCP-Apigee training, focusing on API development, authentication, authorization, and cloud infrastructure.
- Designed and deployed 10+ REST APIs on Apigee, implementing rate limiting and quota policies that improved system stability by 40% during peak traffic.
- Gained hands-on exposure to IAM roles, VPC, subnet configuration, and compute engine setup.
- Trained in developing backend microservices using Spring Boot, focusing on performance optimization through efficient SQL queries and caching techniques.

## PROJECTS

### Learnify - Full-Stack Learning Management Platform

React.js, Spring Boot, MySQL, Docker, JWT

- Developed a full-stack LMS platform with domains, modules, lessons, practice questions, certificates, progress tracking, and personalized dashboards.
- Built scalable Spring Boot REST APIs with JWT authentication, role-based access, optimized schema design, and clean architecture.
- Engineered a modern React UI with animations, dashboards, and a reusable component architecture.
- Containerized services using Docker and integrated MySQL.
- Leveraged AI-assisted development to enhance architecture, UI quality, and development speed—reducing build time by 30% while achieving production-level quality.

### Bank Account Management System

Tech Mahindra Capstone Project | Java, Spring Boot, MySQL

Dec 2024 to Feb 2025

- Developed a full-stack web application for users to register, log in securely, and manage bank profiles.
- Implemented features like profile photo upload, account info editing, and transaction history tracking using Spring Boot and Thymeleaf.
- Followed MVC architecture, applied REST APIs, and handled data persistence with MySQL and JPA.

### Precision in Diabetes Diagnosis using Ensemble Models

Academic Project(2024) | Python, Machine Learning

- Built an ensemble ML model (XGBoost, Random Forest) achieving 83% accuracy on a dataset of 768 patients; findings published at IEEE OTCN 2024.

## EDUCATION

- Vardhaman College of Engineering - Hyderabad, Telangana  
**Bachelor of Technology (B.Tech) in Information Technology** | 2020-2024 | CGPA: 8.75
- Narayana Junior College, Hyderabad - Intermediate | 2018-2020 | 97%
- Montessori High School, Bhupalpally - SSC | 2017-2018 | CGPA: 9.8

## CERTIFICATIONS

- Apigee and API Management** - API Developer, Google Cloud, 2025
- SQL and Relational Databases 101** - IBM CognitiveClass, 2024
- Exploratory Data Analysis (Level 2 - AI Ready)** - Accenture, 2024
- Web Development Training** - Internshala, 2022
- IEEE OTCN 2024** - Conference Presentation