Tonk Akshay Kumar

⚲ Hyderabad   ✉ akshayverma79936@gmail.com   📞 +91-793688909   in Akshay   ⌗ Akshay   🌐 Portfolio

Career Objective

I am a recent Computer Science graduate with a certification in Java Full Stack Development from TATA STRIVE and a 3-star rating in SQL on HackerRank. I bring strong technical skills in both front-end and back-end development and seek an entry-level Software Development Engineer role where I can apply my expertise to build innovative software solutions.

Technologies

Frontend: HTML5, CSS3, JavaScript, React, Bootstrap, Tailwind CSS, Responsive Design, Web Development

Backend: Core Java, OOP, Spring Boot, Spring MVC, Spring Data JPA, RESTful APIs, CRUD Operations

Data Base: My SQL, PostgreSQL, and JDBC

Tools: Git, GitHub, Postman, Maven, VS Code, Eclipse, and API Testing

Education

B.Tech Malla Reddy institute of Technology , Computer Science and Engineering   Aug 2019 – Jun 2023
- GPA: 6.94/10

Experience

TATA STRIVE, Junior Full Stack Java Developer, Trainee   Hyderabad
                                                                                              Oct 2024 – Mar 2025
- Developed full-stack web applications using Java, Spring Boot, React, and MySQL, enabling seamless frontend-backend integration.
- Built secure RESTful APIs with JWT authentication for role-based access control.
- Optimized MySQL database schemas, reducing query response time by 30% through indexing and normalization.

Projects

Student Data Management System   Link ↗
- Designed responsive UI using React and Bootstrap and Implemented secure CRUD operations with JWT authentication
- Built RESTful APIs, reducing response time by 25% through query optimization

Start2Launch   Link ↗
- Developed a dynamic and responsive user interface using react with Material-UI, enhancing user experience.
- This project focused on Design Develop and Deploy.

FLAMES Calculator   Link ↗
- It is a popular game that helps in determining their friendship and is developed a website with the help of HTML, CSS and JavaScript

Performance Improvement of Smart Surveillance Camera Using Modified CNN Technique
- Leveraged Python and Django to construct a real-time anomaly detection system using CNNs, achieving a 92% accuracy rate in identifying unusual activities and flagging them for review by security personnel.