

Gorantla Machanna

Software Engineer

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PROFILE

Experienced Full Stack Java Developer with 1 year of hands-on experience in RESTful API development, Core Java, and Spring Boot. skilled in implementing Hibernate and Spring Data JPA to optimize database interactions while creating scalable, high-performance microservices. Proficient in building interactive frontends with React.js and integrating them smoothly with the backend. Passionate about using design patterns, performance optimization, and clean code to build reliable and easy-to-maintain software.

PROFESSIONAL EXPERIENCE

SN Info Systems 04/2024 – present | Bangalore, India

Software Engineer: Creating dynamic web applications with Java, Spring Boot, and React.js.

- **Backend Development**

- Built scalable RESTful APIs using Spring Boot and Hibernate. Integrated third-party services like Razorpay, OTP (email), and location APIs.

- **Frontend Development (React.js)**

- Developed responsive UIs with React.js and Integrated APIs using Axios/Fetch.

- **Database Management**

- Skilled in MySQL with Tools like Workbench and phpMyAdmin for Database Design.

- **Deployment & Tools**

- Deployed applications via Hostinger. Familiar with Docker for containerization. Skilled in Git for version control and Postman for API testing.

FREELANCE EXPERIENCE

Creative Bright Software Solutions: 02/2023 – 01/2024

Freelance Frontend Developer Built dynamic, responsive websites using React.js and Java.

- Developed 6+ dynamic, responsive web applications using React.js, MUI, and custom CSS.

SKILLS

Frontend: HTML, CSS, React.js

Backend: Java, Spring Boot, Hibernate

Database: MySQL

Tools: VS Code, Eclipse, Git, MySQL Workbench (GUI), Postman, phpMyAdmin (Web-based)

EDUCATION

B.Tech - Computer Science and Engineering 10/2020 – 05/2024 | CGPA: 8.0

St Johns College of Engineering and Technology, YERAKOTA

Intermediate- M.P.C 06/2018 – 03/2020 | CGPA: 9.3

Narayana Junior College, YEMMIGANUR

SSC 06/2017 – 04/2018 | CGPA: 9.3

Nalanda High School, YEMMIGANUR

CERTIFICATES

SkillDzire - Java Full Stack

Java Full Stack internship at Skill Dzire with hands-on experience.

IBM Skills Build - Front End

Front-End internship via IBM SkillsBuild, focused on UI/UX.

NPTEL - Cloud Computing

NPTEL Cloud Computing certification, showcasing understanding of cloud tech.

PROJECTS

API development for "GetMyCollege.com"

Programming Languages: Java, Spring Boot, Hibernate, MySQL

Role: Backend Developer & API Designer

Contribution:

- Built scalable RESTful APIs with Spring Boot to deliver dynamic content on colleges, blogs, leads, and SEO.
- Developed optimized search APIs using Hibernate to filter colleges by location and name.
- Established JWT and Spring Security to enforce role-based access control (RBAC) and user data.
- Set up Gmail OTP for user verification.
- Tested and validated RESTful APIs using Postman,
- Managed MySQL database tasks, including extracting day-to-day leads and analytics reports
- Documented APIs using HTML for seamless frontend-backend collaboration.

Web development for "BookMyPainter.com"

Programming Languages: HTML, CSS, JavaScript, React.js, Material UI

Role: Frontend Developer & API Integration

Contribution:

- Developed responsive, reusable UI components using React.js and MUI for dynamic routing and smooth UI/UX.
- Created a dashboard to manage users, leads, and content efficiently.
- Designed and connected with React.js (Axios/Fetch) to fetch service listings, managing data flow seamlessly via React hooks like use State, use Effect, and use Context.