Sumadhwa HM

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EDUCATION

BE Computer Science and Engineering   **Bengaluru, India.**

Sai Vidya Institute of Technology.

CGPA: 7.50

GRADUATE-6/7/2024

PROFESSIONAL EXPERIENCE

ExcelR

Full Stack Developer(Trainee) [July2024- Present]

In the ExcelR Full Stack Developer Course, I have learnt a range of essential skills for both front-end and back-end development. Here's a general overview of what the curriculum might cover:

Front-End Development
- HTML5 & CSS3: Structure and style web pages.
- JavaScript: Core programming language for interactive web applications.
- Frameworks: Libraries like React.js or Angular for building dynamic user interfaces.
- Responsive Design: Techniques for ensuring websites work well on various devices.

Back-End Development
- Node.js: JavaScript runtime for server-side programming.
- Express.js: Framework for building web applications and APIs.
- Databases: SQL (e.g., MySQL or PostgreSQL) and NoSQL (e.g., MongoDB) for data management.
- RESTful Services: Designing and implementing APIs.
- Full Stack Concepts
- Version Control: Using Git and GitHub for code management.
- Web Application Architecture: Understanding Basics MVC and other architectural patterns.
- Testing: Basics of unit testing and testing frameworks.
- Additional Skills
- Agile Methodologies: Understanding software development practices.
- Soft Skills: Communication and teamwork skills essential for project collaboration.

➢ INFIDATA, Bengaluru Intern (IOT) (03/2024 - 04/2024) Collaborated with cross-functional teams to optimize IoT device performance, resulting in a 15% increase efficiency and improved user experience for consumers.

PROJECTS

- AI AND IOT FOR SUSTAINABLE FARMING AND SMART AGRICULTURE Proficient in leveraging AI and IoT technologies for sustainable farming and smart agriculture practices. Skilled in optimizing resource usage, increasing efficiency, and improving crop yield and quality through precision agriculture methods. Experienced in data- driven decision-making, real-time monitoring, and environmental sustainability initiatives in agricultural.
- **Product Management REST API-**This is a backend service that provides CRUD operations for managing products using REST APIs. It includes functionalities to Create, Retrieve, Update, Delete, and Search products by name. Built using *Spring Boot* and *MySQL*, this project enables easy product management through HTTP requests.

TECHNICAL SKILLS

- **Languages:** HTML, CSS, Javascript,Java, C programming, Python, SQL, Embedded System and Linux Programming(learning).
- **Frameworks & Libraries:** ReactJs(Learning), Node.js(Learning).

CERTIFICATIONS

- Certificate of Publication- Published in International journal of AgroChemistry for the Project Farm Management for Sustainable AI and IOT Based Architecture.(YEAR 2024)
- Certificate of Recognition-Oracle Certified Foundations Associate (YEAR 2024)
- INFOSYS SPRINGBOARD- 1.Data structures and algorithms using java (YEAR 2022)
  2. Agile Scrum
- Certification of Completion- 1.MASTER GPT BY JUNO(YEAR 2025)
  2.DATA ANALYSIS WITH CHATGPT BY JUNO(YEAR 2025)
- Certification of Completion- BE 10X AI TOOLS AND CHATGPT WORKSHOP(YEAR 2025).

ACHIEVEMENTS

☆BEST PERCUSSIONIST -AWARDED BY RAJARAJESHWARA COLLEGE OF INSTITUTIONS
☆REPRESENTED IN THE VTU STATE LEVEL FEST AS A TEAM LEAD FOR PERCUSSIONIST.
☆IEEE TREASURER IN SAI VIDYA INSTITUTE TECHNOLOGY BANGALORE, KARNATAKA
☆NSS -WORKED A TEAM LEAD FOR ACTIVE VOLUNTEERING BANGALORE, KARNATAKA.
☆REPRESENTED VARIOUS BASKETBALL TOURNAMENTS AS A COLLEGE CAPTAIN