

# BHARAT MADIVAL

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## Education

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### Moodlakatte Institute Of Technology, Kundapura

2020 - 2024

- Computer Science & Engineering | CGPA: 7.36

### DR. A. V. Baliga PU College, Kumta

2018 - 2020

- Pre-University Course (PUC) | Percentage: 71%

## Technical Skills

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- **Programming:** Java, Python, HTML, CSS, JavaScript, TypeScript, C/C++.
- **Framework & Tools:** Spring-Boot, Angular JS, REST API, React JS, Node JS.
- **Databases:** MySQL, MongoDB, Firebase.
- **Cloud Technologies:** AWS
- **Areas of Interest:** Web Development, Application Development.

## Projects

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### Building a robust e-commerce application using Spring Boot & Angular

Spring Boot | Angular | MySQL | VS Code | Eclipse | Postman

- Developed a full-stack application for managing customer signup, login, products, carts, and orders.
- Implemented secure authentication and authorization mechanisms for user accounts.
- Created RESTful APIs using Spring Boot for seamless data interaction between the frontend and backend.
- Designed a responsive and user-friendly frontend using Angular, enhancing user experience.
- Integrated MySQL for efficient and scalable data storage and retrieval.

### Jal Nidhi: AI-based Groundwater Level Detection for Sustainable Agriculture

Python | AI | Data Analysis | Central Ground Water Board Data | Flask | VS Code

- Developed an AI-driven system to accurately detect and predict groundwater levels.
- Leveraged data from the Central Ground Water Board for robust analysis and trend prediction.
- Implemented advanced AI algorithms to forecast groundwater trends, aiding in sustainable water management.
- Designed to help farmers make informed decisions, enhancing agricultural resilience and sustainability.

### Soft Drinks Management System: Automated Office Management for Soft Drink Manufacturing

HTML | CSS | JavaScript | PHP | VS Code | Android Studio

- Developed an automated system to streamline functionalities for soft drink manufacturing offices.
- Automated inventory and sales processes to enhance efficiency and accuracy.
- Provided detailed, functional reports for top management, covering all aspects of inventory and sales.
- Implemented a user-friendly web interface to manage large-scale product inventory.

## Experience

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### Java Full Stack Developer Internship

- Gained hands-on experience in Java, Spring Boot, and Angular; built a comprehensive web application with features for customer signup, login, product management, cart, and order processing.

### Web Development Virtual Internship

- Gained practical experience in web technologies including HTML, CSS, JavaScript, React, and MongoDB, building dynamic and responsive web applications.

## Achievements

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### Smart India Hackathon

- Participated In 48 Hours Coding Hackathon.
- Utilized Pre-processing of data give by Central Ground Water Board.
- Collaborated with a team to develop innovative solutions under tight deadlines.