S K Bhargavi

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SUMMARY

Motivated and detail-oriented MCA graduate with strong foundational knowledge in Java, SQL, and front-end development technologies. Experienced in building web applications and AI-based systems through hands-on projects and internships. Skilled in problem-solving, UI/UX design, cloud tools, and collaborative team environments, with a strong passion for continuous learning in software development and emerging technologies.

SKILLS

Technical Skills

- **Programming Languages:** Java, C, C++
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, React.js
- **Database & Data Management:** SQL, Database Management Systems (DBMS)
- **Software Development:** Object-Oriented Programming (OOP), Debugging, Unit Testing, Software Development Life Cycle (SDLC)
- **Tools & Version Control:** Git, Visual Studio Code, Figma (UI/UX Design)

Professional Skills

- Problem Solving & Analytical Thinking, Leadership & Team Collaboration, Effective Communication & Public Speaking, Event Management, Continuous Learning & Adaptability

EXPERIENCE

Nicozn Technologies | Front-End Web Developer   Oct 2023 – Dec 2023

- Developed the Canara Combined Transport (CCT) Bus Pass Portal using HTML, CSS, JavaScript, ReactJS, delivered a seamless and interactive user experience.
- Managed real-time data with Google Firebase Hosting and enhanced UI/UX using Figma prototypes.

PROJECTS

1. **Multi-Layered Authentication System**
   - Implemented three-step authentication (Login, Grid, Image) for enhanced security.
   - Ensured secure access control and protected user data against unauthorized access.
   Technologies used: HTML, CSS, JavaScript, MySQL

2. **AI-Patient Symptom Monitoring and Disease Forecasting System**
   - Designed an AI system for symptom prediction with secure, user-friendly interface.
   - Enabled online doctor consultation for early detection and timely advice.
   Technologies used: Python, Scikit-learn, Pandas, NumPy, HTML, CSS, JavaScript, and CSV

3. **Motion Detection System for Agriculture Security**
   - Built a smart farm security system with motion detection and alerts via Message & Telegram.
   - Integrated IoT cloud for real-time remote monitoring of land and crops.
   Technologies used: PIR Sensor, ESP32 Cam, GSM Module, Arduino IDE, Python

EDUCATION

Mangalore Institute of Technology and Engineering, Moodabidri   2022 - 2024
MCA (Master of Computer Applications) Computer Applications | 8.9 CGPA

Bapuji Institute of Hi-Tech Education, Davangere   2019 - 2022
BCA (Bachelor of Computer Applications) | 8.25 CGPA

CERTIFICATES

- SQL and Relational Databases 101 – IBM Cognitive Class | May 2025
- Java Programming for Beginners Certification – Simplilearn SkillUp | January 2025
- Machine Learning – Fundamentals of Python Machine Learning Certification – Udemy | January 2025

ACHIEVEMENTS

- Secretary of the MCA Department at MITE   2023-24
- Placement Coordinator of the MCA Department at MITE   2023-24
- Engaged in Public Speaking and Event Activities   2022-24