**Sahil Bharat Arate**

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# **Objective**

Final‑year B.E. student (CGPA 7.9) skilled in Java, React, AWS and data‑driven product development. Eager to join Esko’s new‑product team to design, code and test high‑quality features, contribute to peer reviews and continuously learn modern DevOps practices.

# **Skills**

**Technical skills** **Languages**: Java, C | Frameworks: Node.js, Express | DB: MongoDB, MySQL | Cloud: AWS (EC2, S3).

**Non-Technical skills**: Communication, Time Management.

**Strengths:** Leadership, Adaptability, Design Thinking, Agile management.

# **Education**

**Gomatesh High School** 2009-2020

*(High School )* ***(10th Percentage: 64%)*** *Belagavi, Karnataka*

**Jain Polytechnic College** 2020-2023

*(Pre-university)* ***(CGPA: 8.67)*** *Belagavi, Karnataka*

**KLS Gogte Institute of Technology** 2023-2026

*Bachelor of Science in Computer Engineering* ***(CGPA: 7.8)*** *Belagavi, Karnataka*

# **Projects**

1. **Fetal monitoring system using IOT**

**Technologies:** Embedded C, Python, Flask, SQLite, HTML, CSS, JavaScript, ESP8266 (Wi-Fi Module), MPU6050 (Motion Sensor)

* Collected fetal motion data using MPU6050 and ESP8266; transmitted it to a Flask server.
* Programmed in Embedded C and used SQLite for data logging with a responsive web interface.

1. **Micro‑Funding Web Platform**

**Technologies:** React, CSS, JavaScript, NodeJS and MongoDB Hosting- GitHub.

* Developed a **full-stack web application** designed to connect rural villages seeking funding for local projects with potential investors worldwide.
* Engineered the backend using **Node.js** and **MongoDB**, creating a robust API to handle user authentication, project submissions, investment transactions, and a centralized database.
* Integrated a **data visualization** dashboard, allowing investors to see and analyze their investments and track the funding progress of various projects in real-time.

# **Internship Experience**

* **Prodigy Infotech:** Worked on web development projects focusing on creating dynamic, responsive, and user-friendly websites.
* **Eyesec cyber security solution private LTD:** Gained hands-on experience with cloud platforms like AWS, Azure, or Google Cloud. Implemented cloud security measures to safeguard sensitive data and mitigate risks.

# **Extracurricular Activities**

# Won 1st Prize in a National Level IoT Hackathon at Tontadarya College of Engineering, Gadag.