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**Saanjali Belgavi**

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# Objective

Innovative and detail-oriented Computer Science graduate currently pursuing Java Full Stack Development at TAP Academy, Bangalore. Skilled in full-stack development, data analytics, and machine learning. Passionate about build-

ing impactful applications and collaborating on scalable software solutions.

# Education

## B.E KLE Technological University,Hubli, Computer Science 2020 – 2024

* GPA: 6.44
* **Coursework:** Web Development, Machine Learning, Cloud Computing

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| --- | --- | --- |
| **PU** | **KLE’s Prerana PU College,Hubli**, Science  • Percentage: 82% | 2018 – 2020 |
| **SSLC** | **Chetan Public School**, Hubli | 2015 – 2018 |

* Percentage: 82%

# Experience

**TAP Academy**, Java Full Stack Intern

* Undergoing hands-on training in Java, Spring Boot, MySQL, and REST APIs.
* Built and deployed mini-projects with guidance from mentors.

|  |  |
| --- | --- |
| **Pravinya Infotech Pvt. Ltd.**, Full Stack Web Development Intern   * Designed and implemented responsive web applications using React, HTML, and CSS. * Integrated RESTful APIs with Node.js and MongoDB for dynamic data handling. * Collaborated with a team to deliver user-friendly features based on client needs. | Hubli 2024 |

* Participated in mock interviews, debugging contests, and peer code reviews.

Bangalore, India Feb 2025 – Present

# Certifications

## Java Full Stack Developer Certification (In Progress)

TAP Academy, Bangalore [thetapacademy.com](https://thetapacademy.com/) [2](https://thetapacademy.com/)

Feb 2025 – Aug 2025

# Projects

## Doctor-Patient Portal

|  |  |
| --- | --- |
| * Developed a full-stack medical portal to manage appointments, user roles, and patient records. * Implemented secure login for Admin, Doctor, and Patient roles; included dashboards and scheduling. * Tools Used: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB   **E-Commerce Platform for Canvas Paintings** | [github.com/Saanjalibelgavi/](https://github.com/Saanjalibelgavi/doctor-patient-portal)doctor[patient-portal](https://github.com/Saanjalibelgavi/doctor-patient-portal) [2](https://github.com/Saanjalibelgavi/doctor-patient-portal) |
| • Designed a secure, user-friendly platform to connect artists and buyers using the | [github.com/yourusername/c](https://github.com/yourusername/canvas-painting-ecommerce)anvas[painting-ecommerce](https://github.com/yourusername/canvas-painting-ecommerce) [2](https://github.com/yourusername/canvas-painting-ecommerce) |

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MERN stack.

* Features include product listing, cart, payment, and admin dashboard.
* Tools Used: React, Node.js, MongoDB, Express

## HER2 Breast Cancer Detection

* Built a predictive ML model with 92% accuracy using Python and scikit-learn. [github.com/yourusername/h](https://github.com/yourusername/her2-cancer-detection)er2-
* Appliedfeatureengineeringandhyperparametertuningforoptimalperformance. [cancer-detection](https://github.com/yourusername/her2-cancer-detection)[2](https://github.com/yourusername/her2-cancer-detection)
* Tools Used: Python, scikit-learn

## Early Prediction of Heart Failure

* Developed an explainable AI model using XGBoost and SHAP to assist in health- [github.com/yourusername/h](https://github.com/yourusername/heart-failure-prediction)eartcare decisions. [failure-prediction](https://github.com/yourusername/heart-failure-prediction) [2](https://github.com/yourusername/heart-failure-prediction)
* Created a user-friendly dashboard to visualize risk factors.
* Tools Used: Python, XGBoost, SHAP

## Data Clustering with K-Means and Firefly Algorithm

* Implementedahybridclusteringmodeltoimprovedataseparationonlargedatasets. [github.com/yourusername/k](https://github.com/yourusername/kmeans-firefly-clustering)means• Enhanced visualization and performance through parameter optimization. [firefly-clustering](https://github.com/yourusername/kmeans-firefly-clustering)[2](https://github.com/yourusername/kmeans-firefly-clustering)
* Tools Used: Python, Matplotlib, Numpy

# Technologies

**Languages:** Python, Java, C, C++

**Web Technologies:** HTML, CSS, JavaScript, React, Node.js, Angular

**Databases:** MySQL, MongoDB

**Tools Frameworks:** Git, Docker, Kubernetes, Hadoop, Express.js **ML Libraries:** scikit-learn, XGBoost, SHAP

# Hackathons & Events

* Participated in a 24-hour Hackathon at TAP Academy – developed a collaborative to-do app using MERN stack.
* Attended Java Debugging Challenge and UI/UX Bootcamp during full-stack training.
* Took part in mock interviews, peer review coding rounds, and logic-building contests.

# Languages

* English (Fluent)
* Hindi (Fluent)
* Kannada (Native)

# Activities & Interests

* Canvas Painting – lifelong passion for creative expression.
* Photography – love capturing moments and exploring perspectives.
* Learning Tech – interested in DevOps, UI design, and hands-on builds.

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