

# HALASWAMY G

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## Summary:

Dynamic Computer Science graduate with strong skills in Python and Java, and expertise in web development technologies including HTML5, CSS3, JavaScript, and React. Experienced in backend development with Node.js and proficient in database management using MySQL and MongoDB. Skilled in project management using Jira, Agile, and Scrum methodologies, with a solid understanding of Industry 4.0 technologies and trends. Eager to contribute to innovative tech solutions in a collaborative IT environment

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## Education Graduation:

**Course:** B.E In Computer Science, **College:** Jain Institute of Technology, **Year of Passing:** 2024

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## Experience (Intern):

*Nexgate Pioneer Solutions Pvt. Ltd*

Sep 2023 to Oct 2023

- Designed and developed an Android app for a drone services startup, supporting local farmers.
  - Collaborated in a team of 4 using Scrum methodologies to drive iterative development and improve team communication.
  - Applied Design Thinking principles to create user-centered onboarding interfaces, enhancing customer and stakeholder interactions.
  - Utilized Android Studio, Jira, and Firebase for product development and database maintenance.
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## Projects:

### 1) EEG analytical model to estimate learner's understanding level (R & D)

**Innovative Educational Approach** Developed a pioneering method utilizing **Machine Learning** and **EEG data** to assess learners' comprehension and engagement.

**Analytical Techniques** Classifiers such as **RF, KNN, SVM** and Design of **feature extraction** model by considering datasets

### 2) Candidate Application Form Web Application using MERN Stack ( [Project View](#) )

**Frontend:** React JS (version 18), React Bootstrap, CSS3 ,**Backend:** Node.js with Express.js, **MongoDB** for the database

• API Integration: **Axios** • Testing: **Postman**

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## Technical Skills:

Proficient in MERN stack development: MongoDB, Express.js, React.js, Node.js. Expertise in front-end technologies: HTML5, CSS3, JavaScript , Context API, React Hooks, Tailwind CSS, Styled Components. Skilled in RESTful API design, JWT Auth authentication, third-party API integration. Experience with Git, Mongoose, asynchronous programming, AWS, Netlify, Render deployment, Programming Language Python, Java

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## Training And Certifications:

- **Junior Software Developer (DITHDA)** (3 – Months) in Skill India
  - **Python for Data Science** SWAYAM-NPTEL
  - **MERN Stack and DSA** (In Progress))
  - **Become A certified Web Developer From Scratch** in Upskill with Eduonix
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## Leadership and Achievements:

- Secured **KSCST** sponsorship for our project. And **P-Expo** winners.
  - Track record of leadership as a **Cultural and Forum Coordinator**, steering initiatives that fostered collaboration
  - Achieved recognition by qualifying for the **Top 75 teams in Manthan FKCCI**
  - **1st place** in intercollege **Technical Paper Presentation** and **Idea presentation contests**, earning **Awards**.
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## Soft Skills:

Critical Thinking, Records Search, Leadership, Responsiveness, Participating in Tech Conferences

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## Hobbies:

Filmmaking, Photography, Editing, Coding, Traveling,