

# Karthik Sabareesh Boddeti

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## SUMMARY

I'm a Front-End developer skilled in ReactJS with a strong design sense, and I've built scalable, real-world solutions. I also have experience in GenAI, Machine Learning, and integrating LLMs into practical applications. As president of my college's technical club, I've organized numerous events that have fostered peer growth. I've also led multiple projects and hackathons, guiding teams to success. Known for quickly picking up new technologies.

## EDUCATION

Examination	Majors	Institute	Year	CPI/%
B-Tech	CSE	B V Raju Institute of Technology	Oct 2022	9.21
Intermediate	MPC	Narayana Junior College	Jun 2020 - 2022	98.3%
Matriculation	SSC	Narayana E-Techno School	Jun 2020	10

## EXPERIENCE

- Hexagon**  August 2024 - Present  
*Real-Time Project* Hyderabad, India
  - Collaborated in a team of 8 to enhance a GenAI-based system, focusing implementing user prompt processing.
  - Contributed to optimizing the integration of PIDs within the GenAI framework, ensuring seamless and efficient system performance.



## SKILLS

- Programming Languages:** Java, Python, C++, C
- Web Technologies:** HTML, CSS, Tailwind CSS, JavaScript, ReactJS
- Data Science & Machine Learning:** Libraries: NumPy, Pandas, Scikit-Learn, TensorFlow, Keras, Matplotlib
- Design:** Framer, Canva
- Tools:** GitHub, VS Code, Google Colab



## CERTIFICATIONS

- Coursera:** [Supervised Machine Learning: Regression and Classification](#)
- NPTEL:** [Programming in Java](#)
- NPTEL:** [Programming with Data Structures and Algorithms using Python](#)
- TF - IIT Bombay** [Machine Learning Workshop](#)

## PROJECTS

- KisanSathi: Agricultural Assistance Platform** | Hackathon Project April 2024  
*Tools: HTML, CSS, JS, ML, API Int.* 
  - Developed an agricultural assistance platform using HTML, CSS, and JS to support farmers with crop management.
  - Implemented a machine learning prediction model to provide farmers with accurate crop yield forecasts.
  - Integrated an LLMs API to generate customized crop reports tailored to individual farmer needs.
  - Enabled multi-lingual support to cater to a diverse user base across different regions.
- Google's Gemini: Clone** | Personal Project May 2024  
*Tools: ReactJS, CSS* 
  - Developed a front-end clone of Google's Gemini project using React.
  - Implemented responsive design principles to ensure usability across various devices and screen sizes.
  - Utilized React hooks and state management to create a dynamic and interactive user interface.

## LEADERSHIP EXPERIENCE

- President - Coding Brigade BVRIT** June 2024 - Present  
*B V Raju Institute of Technology, Narsapur* 
  - Organized and managed multiple technical events, including coding contests, workshops, and seminars.
  - Delivered a seminar to juniors, introducing them to advanced technologies and development practices.
- Team Lead - Yukthi 2k24 Hackathon** Aug 2024  
*Conducted by CBB @BVRITN* 
  - Led a team of developers in a 28-hour hackathon, focusing on innovative solutions in the AgriTech domain.
  - Guided the team to victory, securing 1st place among 60 teams in the final round.
  - Coordinated team efforts to deliver an executable solution within a tight deadline.