






## [KARAN THAYYIL]

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented BCA graduate with a strong foundation in programming, software development, and database management. Decent knowledge in Python, Java, HTML/CSS, and SQL, with hands-on experience developing interactive web and desktop applications. Certified in creating AI-powered dashboards using Microsoft Power BI, leveraging AI tools for data analysis, presentation, and debugging, and completed the KPMG IoT Program with practical exposure to Internet of Things applications. A fast learner with excellent problem-solving and teamwork skills, eager to contribute to innovative tech environments and grow as an IT professional.

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## TECHNICAL SKILLS

- **Languages:** Java, Python, C++, JavaScript
  - **Web Technologies:** HTML, CSS
  - **Databases:** MySQL
  - **Tools:** Git, VS Code, Eclipse
  - **Concepts:** Data Structures & Algorithms, OOP, DBMS, OS, Software Engineering
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## SKILLS

- Problem Solving
  - Debugging and Troubleshooting
  - Communication and Presentation
  - Agile and Team Collaboration
  - Time Management
  - Creative Thinking
  - Adaptability
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## EDUCATION

### Bachelor of Computer Applications (BCA)

[PRESIDENCY College], [Bengaluru, Karnataka, India]

*Graduation: April 2025*

CGPA: 6.08

## **Higher Secondary (12th Grade), Science with Computer Science**

[SN TRUST HSS], [Alappuzha, Kerala, India]

*Year of Completion: 2021*

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## **PROJECTS**

### **Online Motion Detection – HTML, JavaScript, CSS**

- Developed a secure web platform for online motion detection
- Integrated database for managing motion records and real-time motion data

### **Sign Language Interpreter – Python, TKinter, NumPy, scikit-learn, pickle**

- Real-time Interpretation: Develop algorithms to accurately recognize and interpret sign language gestures in real-time, ensuring immediate communication support for users
  - Translation to Text/Speech: Implement functionality to translate recognized sign language gestures into written text or spoken language, enabling communication with non-signing individuals
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## **CERTIFICATIONS**

- Power BI - Office Master
  - AI Tools and Chat GPT - be10x
  - Website with WordPress - Coursera
  - IoT Program - KPMG
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## **ACHIEVEMENTS**

- IT Fair Revenue District School Sasthrolsavam 2019-20 with Grade A
  - Trinity College London - Grade 1 Drum Kit with Distinction
  - Trinity College London - Grade 2 Drum Kit with Merit
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## **ACTIVITIES**

- Video Editing, skilled in editing promotional, educational and personal content using latest tools
- Participated in interschool it fests and hackathons
- Volunteer for college orientation programs and student mentoring

- Active contributor to open-source mini-projects on GitHub
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## LANGUAGES

- English - Fluent
  - Hindi - Proficient
  - French - B1 Intermediate
  - Malayalam - Native
  - Tamil - A2 Elementary
  - Kannada - A1 Beginner
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## PERSONAL DETAILS

- Date of Birth: 18/09/2003
- Willing to Relocate: Yes
- Availability: Immediate