

Bipin Dev B

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Summary

Motivated computer science student with a strong interest in robotics, programming, and applied technologies. Skilled in hands-on learning through internships, workshops, and certifications. Quick to adapt, eager to explore new tools, and committed to building a solid technical foundation.

Skills

Programming Languages: Python, C, Java

Web Development: JavaScript, HTML, CSS, Node.js, React

Tools & Platforms: GitHub, VS Code, Linux

Experience

- **Industrial Robotics Internship** – Unique World Robotics Institute *June 2025*
 - Designed and tested 3 robotic prototypes using microcontrollers
 - Worked with 5+ sensors and modules to collect real-time input/output
 - Built robotic arm logic achieving 90% task execution accuracy
- **Programming in Java Course** – Infosys Springboard *January 2024*
 - Completed 30-hour course on Java fundamentals and OOP concepts
 - Built 5+ small Java applications using classes, inheritance, and methods
 - Scored 95% in course-end certification test
- **Web Development Bootcamp** – GDSC *April 2023*
 - Built 3 responsive websites using HTML, CSS, and JavaScript
 - Designed UI for mobile-first layouts with 100% responsiveness
 - Collaborated with team of 4 to develop a mini full-stack app
- **PCB Designing Workshop** – IEDC RIT *May 2023*
 - Designed and simulated 2 PCB layouts using KiCad
 - Identified and placed 15+ electronic components accurately
 - Verified circuit logic with 100% success in test phase
- **STEM Robotics International** *Sept-Oct 2023*
 - AI & Robotics Internship | Sept 2023
Explored robotics and real-time AI applications
 - Artificial Intelligence Workshop | 30 Sept 2023
Introduction to machine logic and modeling
 - Python Quiz Competition | 1 Oct 2023
Tested core Python programming knowledge
- **Paper Presentation – NACORE 2025** *Mar. 2025*
 - Presented paper titled "*Questora: Shape Your Own Adventure*" at NACORE 2025
 - Organized by the Department of CSE, Amal Jyothi College of Engineering in association with ACM Kottayam Professional Chapter
 - Participated in 2-day national conference focused on research in computing and emerging technologies

- **Voice of Stakeholder Training** – K-DISC
Young Innovators Program 6.0 (VOS module)

Aug. 2023

Projects

AI-Powered Interactive Storytelling Platform

Team Project, 3rd Year

Developed a web platform for storytelling that uses AI to generate structured stories and high-quality images, allowing users to customize characters and select alternate endings.

- Designed and implemented the front-end interface focused on intuitive UI and engaging UX
- Engineered interactive features for story navigation and character customization using JavaScript
- Collaborated with a 4-member team to integrate AI-generated story logic and image APIs

Education

Bachelor of Technology in Computer Science

Amal Jyothi College of Engineering, Koovappally, Kottayam

Expected May 2026

Core courses: DSA, OOP, DBMS, Operating Systems