

# ABINAYA K

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## OBJECTIVE

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Driven Computer Science and Business Systems student skilled in UI/UX development, cloud fundamentals and AI-powered platforms. Seeking opportunities to build user-centric, scalable systems and contribute to impactful technology solutions.

## SKILLS

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| Technical Skills      | Front-end Development (HTML, CSS, JS), UI/UX (Figma),<br>Cloud Basics, Networking          |
| Programming Languages | Java, Python (Basics), JavaScript  |
| Soft Skills           | Team Management, Event Coordination, Project Management,<br>Communication, Content Writing |
| Operating Systems     | Windows, Linux (Basic)   |

## EXPERIENCE

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| <b>Cybersecurity and Cloud Intern</b><br>Copter Code | Jul 2025 – Oct 2025<br><i>Remote</i> |
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- Performed vulnerability scanning and system hardening using Nessus and OWASP Top 10.
- Secured AWS cloud architecture by identifying and resolving vulnerabilities.
- Improved system resilience through structured cloud environment analysis.

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| <b>Front-End Developer</b><br>DoSo (Student Startup), KPRIET | 2024 – Present<br><i>Coimbatore</i> |
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- Build user-centric and scalable front-end interfaces using modern design principles.
- Apply UI/UX practices to convert ideas into intuitive interactive prototypes.
- Collaborate with the DoSo startup team to bring innovative solutions to life.

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| <b>Public Relations Officer</b><br>IEEE KPRIET SB | Sep 2023 – Present<br><i>Coimbatore</i> |
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- Managed communication and coordination activities within IEEE KPRIET SB.
- Volunteered in three major IEEE technical events.
- Selected as Ambassador for YESIST Junior Einstein Track 2024.

## PROJECTS

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- **Smart ID Card System**
  - Developed an IoT-enabled smart ID system to support automated identification and access verification.
  - Implemented a functional prototype demonstrating improved convenience and efficiency in ID management.
- **Weather & Forecasting App**
  - Built a basic weather and forecast application using HTML, CSS, and JavaScript during a Capabl Solutions hackathon.
  - Displayed real-time weather updates and forecast information through a simple, user-friendly interface.

- **FarmSecure**

- Designed a user-friendly farm and poultry management solution for Smart India Hackathon.
- Aimed at simplifying farm monitoring and improving operational management for users.

- **Mover**

- Developed a mobile application similar to Rapido and Uber for on-demand package delivery and mover services.
- Integrated real-time tracking and a smooth booking flow to enhance service accessibility and user experience.

## EDUCATION

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### **B.Tech in Computer Science and Business Systems,**

KPR Institute of Engineering and Technology

2023 – 2027

CGPA: 8.520

### **Higher Secondary Education**

Completed

Completed higher secondary education in a computer-focused curriculum.

### **SSLC / Grade 10**

Completed

Completed secondary education with strong academic performance.

## COMMUNICATION LANGUAGES

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- English
- Telugu
- Tamil

## CERTIFICATIONS

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- Web Development - DoSo
- Cloud Architecture - Coptercode

## ACHIEVEMENTS

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- Selected as Ambassador for YESIST Junior Einstein Track 2024 for active participation and contributions to IEEE initiatives.
- Volunteered in three major IEEE technical events, supporting coordination and event management.
- Contributed to the DoSo student startup by developing scalable and user-centric front-end solutions.
- Completed a cybersecurity and cloud internship at Copter Code, performing AWS security testing and vulnerability assessment.
- Maintained consistent academic excellence with a CGPA of 8.520 in CSBS.

## EXTRA-CURRICULAR ACTIVITIES

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- Active IEEE volunteer contributing to event coordination and technical engagement.
- Exploring UI/UX design systems, front-end frameworks and cloud technologies.
- Participating in hackathons and innovation challenges to develop real-world solutions.
- Engaged in community technical initiatives through college clubs.