

Anshika Bhagat

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SUMMARY

I am an app development enthusiast and a passionate UI/UX designer, leveraging my electronics engineering background to innovate at the intersection of hardware and software. My journey blends creativity and technical expertise, enabling me to craft intuitive digital experiences while understanding the underlying technological frameworks. In the future, I envision myself contributing to groundbreaking advancements by creating user-centric applications that seamlessly integrate with emerging hardware technologies, driving impactful solutions in the ever-evolving tech landscape.

TECHNICAL SKILLS

Languages: Python , C++ , Verilog , VHDL , Dart

Simulation Tools: Vivado, MATLAB, AutoCAD, NGSpice

Designing Tools: CanvaPro, Figma, Adobe Illustrator, Adobe Photoshop, After Effects, Adobe Premier

Working on : Flutter

EXPERIENCE

DIC Project

Jan. 2021 – March. 2021

A project offered to UG - Graduates in the 1st year of their college .

Jais , India

- **Project Objective:** Designed a speed control system for a BLDC motor using a SEPIC converter, implemented on the MATLAB Simulink platform.
- **Control Mechanism:** Utilized a PID control algorithm for precise and efficient motor speed regulation.
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- **Skill Development:** Learned MATLAB to effectively model, simulate, and analyze the system.
- **Real-World Application:** Demonstrated the feasibility and effectiveness of the system for practical BLDC motor applications.
- Contributed to candidate interviews and mentored QA engineers, providing guidance and assigning tasks
- **Real-World Application:** Demonstrated the feasibility and effectiveness of the system for practical BLDC motor applications.
- **Institutional Collaboration:** Conducted as part of the RGIPT DIC project to advance innovative motor control technologies.

Teaching Volunteer

Aug 2023- Apr2023

Yapassio

Jais , India

- Through this opportunity I got to work in the academic department, teaching science to students from classes 6th-10th.

Ui/Ux Designer

Jul 2024 - Sep 2024

Sambin Technologies

Jais, India

- Contribute to the design and prototyping of user interfaces for our mobile application. Partner with the development team to translate design concepts into functional, high-quality implementations. Develop wireframes and user flows to effectively communicate design ideas and guide development. Maintain and evolve design documentation and style guides to ensure consistency across all application interfaces. Optimize design processes by incorporating feedback to improve functionality, usability, and overall user experience.

EDUCATION

Rajiv Gandhi Institute of Petroleum and Technology

Jais, India

Engineer's Degree, Electronics Engineering

2021 - 2024

CERTIFICATIONS

IEEE -WIE - Head

Issued Sep 2023 - Expires Sep 2024