



SHOUNAK MANDAL

Software Testing Engineer

BTech graduate in Electrical & Electronics Engineering from Birla Institute of Technology. Experienced in embedded systems, IoT, and web development with HTML, CSS, JavaScript, GitHub, Vercel, and React.js.

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EDUCATION

BTech Degree

Birla Institute of Technology, Mesra

04/2018 - 12/2022

Mesra, India

BTech

- Electrical and Electronics Engineering

Senior Secondary School

Mahatma Hansraj Modern High School

04/2015 - 06/2018

Jhnsi, India

High School Courses

- High School Subjects (Physical Education, English, Physics, Chemistry, Maths)

WORK EXPERIENCE

Software Testing Engineer

MountBlue Private Ltd.

09/2024 - 12/2024

Bangalore, India

MountBlue is a tech company offering software development services, product development, tech consulting, and training for aspiring developers.

Achievements/Tasks

- Gained hands on experience on web development tools like html, css, javascript and worked on some frame-works like React.js
- During my bootcamp build projects using html, css, javascript and also used Frameworks like React.js
- Also build up communication, team building and project management skills

SKILLS

DSA

HTML

CSS

JAVASCRIPT

DOM

REACT.js

POSTMAN

MS EXCEL

MS POWERPOINT

MS WORD

PERSONAL PROJECTS

Development of Weather Monitoring System (03/2022 - 05/2022)

- Developed a simple circuit of electronic devices to record and analyze the temperature and humidity of Patna.
- Transferred data to a website or cloud using Arduino IDE for further assessment.
- Studied thoroughly about the architecture and performance of the design of system.

IOT Based Smart Home Automation (06/2022 - 11/2022)

- Developed and maintained a simple home automation system with laboratory control setting.
- Controlled simple house appliances using sensors, microcontrollers and smart mobile devices.
- Tested and approved by the college authorities for further case study and advancement in its architecture design to improve its performance analysis.

Developed a UI interface for shopping website (10/2024 - 10/2024)

- Developed a demo user interface where a user can go through the products, description and billing area.
- Technologies being used to build up this projects are html, css, github, vercel.
- Tested and approved by the MountBlue Company for further case study and advancement in its architecture design to improve its performance analysis.

Created a demo website where Users can apply and post for jobs roles (10/2024 - 10/2024)

- Developed a demo websites where aspiring candidates can apply for their desired roles and where a employee can add different roles according to their need.
- Technology being used to build up this project is react.js framework.
- Tested and approved by the MountBlue Company for further case study and advancement in its architecture design to improve its performance analysis.

CERTIFICATES

Python with AI

Catia and Ansys Maxwell