



# SOUMYA DUTTA

## Full Stack Web Developer

### My Contact



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📍 Kundanhalli, Bengaluru-560037

🌐 [My Portfolio Website](#)

### Technical Skill

- Programming Languages: JavaScript, HTML, CSS
- Front-End Technologies: React, Redux, Bootstrap
- Back-End Technologies: Node.js, Express.js, RESTful APIs
- Database Management: MongoDB, MySQL
- Cloud Computing: AWS
- Version Control: Git, GitHub
- Web Development Tools: Visual Studio Code
- Agile/Scrum Methodologies
- Mechanical Design & Analysis: Solidworks, Ansys

### Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking

### Education Background

- Osmania University, Hyderabad  
*Masters in Mechanical Design for Manufacture*  
Completed in 2018
- Siksha O Anushandhan University, Bhubaneswar  
*Bachelors in Mechanical Engineering*  
Completed in 2015

### Certifications

- Guvi Geeks Network Pvt. Ltd.  
*Full Stack Web Development Bootcamp*  
Completed in August 2023

### About Me

Dedicated and highly motivated design engineer with a strong foundation in problem-solving and analytical thinking, seeking to leverage my technical skills and passion for programming to transition into a full stack web developer role. Committed to continuous learning and growth in the field of web development.

### Professional Experience

CSIR-IMMT, Bhubaneswar | Project Associate  
*February 2021 – August 2023*

Key responsibilities:

- Took initiative to develop a web-based dashboard using React and MySQL for monitoring and analyzing products and workers status data, which significantly improved data accessibility and decision-making processes.
- Design and created a sample management platform using technologies like React, Node.js and Material UI.
- Helped evolve front-end and back-end stack of company website infrastructure.
- Collaborated with cross-functional teams to design and optimize mechanical systems, enhancing product performance and reducing production costs.

CSIR-CSIO, Chandigarh | Project Assistant  
*December 2018 – March 2020*

Key responsibilities:

- Utilized CAD software(Solidworks) to create 3D models, drawings, and prototypes, reducing design errors by 90%.
- Conducted stress analysis and simulations using Ansys, optimizing product designs for performance and durability.
- Designed and implemented web-based forms using HTML, CSS, Javascript & MySQL for improved data accessibility.
- Reviewed codes, debugged problems and corrected issues for central IT team.

### Projects

#### Review Places Website

Create, Search and Review different camping location around the world.

Tech Stacks : Javascript, HTML, CSS, Bootstrap, MongoDB, Express.js, Node.js

#### Stack Overflow Clone

Built a Stack Overflow Clone where you can create questions and answers and vote them.

Tech Stacks: React JS, MongoDB, Node.js, Javascript, Redux

#### E-commerce Website

Built a E-commerce website where you can buy various products as a buyer as well as sell products as a seller.

Tech Stacks: React JS, Context API, MongoDB, Node.js, Javascript