



SHASHWAT AWASTHI

Bachelor of Technology
ELECTRICAL ENGINEERING
National Institute of Technology, Patna

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EDUCATION

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|------------------------|---|-----------------|---------|
| Electrical Engineering | National Institute of Technology, Patna | 7.94 | 2022-26 |
| Senior Secondary | Central Board of Secondary Education | 97.6 | 2021 |
| Secondary | Central Board of Secondary Education | 97.8 | 2019 |

PROJECTS

• Personal Portfolio Website

Tools: HTML, CSS, JavaScript

– Developed and optimized a professional portfolio website

• Smart Resume Analyzer & Job Matcher Web App

Tools: React.js, TailwindCSS, Node.js, Flask, MongoDB, JSearch API

– Built a full-stack ML/NLP web app for resume-job matching with multi-page architecture.

– Implemented parsing, scraping, match scoring, and dynamic job/course recommendations via APIs.

• Student Information System

Tools: Python, CSV file handling, Tkinter library

– Architected a system for student data management

– System can be scaled to include data of teachers as well, also to manage fee collection

SKILLS & INTERESTS

- **Programming languages:** C, C++, Java, Python, JavaScript, Golang, TypeScript
- **Developer Tools:** Visual Studio Code, Git & GitHub, Postman, Docker, Figma, Wireshark
- **Frameworks:** React, Angular, Vue, Express, Node.js, Django, Flask, Tailwind CSS, TensorFlow, Redux, Next.js
- **Databases:** MySQL, PostgreSQL, SQL, MongoDB, Firebase
- **Soft skills:** Public Speaking, Communication, Leadership, Team Management
- **Areas of interest:** Web Development, Machine Learning, Networked Systems, System Design
- **Course Work:** Electrical Engineering

POSITIONS OF RESPONSIBILITY

- **President,** T.E.S.L.A. , NITP 2025-present
- **Web developer,** T.E.S.L.A. , NITP 2023-2024
- **DSA Team Member,** Google DSC , NITP 2023-2024
- **Media Team member,** Training & Placement Cell , NITP 2023-present

ACHIEVEMENTS & VOLUNTARY EXPERIENCE

- **Organizing Member,** Byteverse Hackathon , NITP 2024
- **Organizing Co-lead,** Workshop on App Development by TESLA-NITP 2024
- **Participant,** Workshop on Blockchain Development by TESLA-NITP 2023
- **Volunteer,** SANKALP NSS NITP 2023-present
- **Winner,** Shipwreck Cove , ASCE SC NITP 2023

CERTIFICATIONS

- NPTEL : The Joy of Computing using Python