

Nilabh Shivam

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EDUCATION

Vellore Institute of Technology, Bhopal
B. Tech in Computer Science and Engineering

Bhopal, Madhya Pradesh
Jul 2021 – Ongoing

SKILLS

UI/UX Expertise

Figma, Canva, Prototyping, Wireframing, Human-Centered Design, Interaction Design, Accessibility Principles

Development Tools & Languages

Python, Java, MERN Stack (MongoDB, Express.js, React.js, Node.js), CSS3, JavaScript, Postman, PowerBI

Collaboration & Project Management

Notion, GitHub, MS Excel, Agile Methodologies, Scrum, Team Collaboration

EXPERIENCE

TecheXstudio

Content & Digital Strategy Intern

Remote

Mar 2023 – May 2023

- Designed **engaging visual assets & UI content** using Canva, improving audience interaction
- Monitored engagement analytics and optimized strategy, increasing reach by **100%**.

PROJECTS

Alzheimer's Disease Detection

Deep Learning for Medical Imaging

Research Paper

Jul 2024 – Present

- Conducting research on optimizing **CNN-based models** for early Alzheimer's detection.
- Implementing **EfficientNet, SENet, and hybrid architectures** to improve classification accuracy.

AeroPurity

Real-time AQI and Weather Prediction

[deployed](#)

Jan 2024 – Apr 2024

- Independently developed and deployed a **React.js**-based web app for real-time **AQI and weather updates**.
- Integrated weather and AQI APIs, optimizing **data fetching & caching** for improved performance.
- Designed an intuitive, **user-friendly interface** for accessibility and seamless interaction.

Task Scheduler

Task Management Web App (UI/UX Design)

[deployed](#)

Oct 2023 – Dec 2023

- Designed and prototyped a **responsive UI** for a task management web app using **ReactJS & Figma**.
- Collaborated with the development team to refine accessibility and optimize **cross-platform usability**.

CERTIFICATIONS

NPTEL Cloud Computing, Apr 2024

AWS Certified Cloud Practitioner - Foundational (CLF - C02), Feb 2024

IBM AI Engineering Professional Certification, Feb 2023

EXTRA-CURRICULARS AND ACHIEVEMENTS

- Social Media Lead, Mozilla Firefox Club, VIT Bhopal** (Jan 2023 - Jan 2024)
Led the online campaign for **Mozilla Firefox during AdVITYa 2023**, improving engagement.
Collaborated with event coordinators and technical teams for strategic content planning.
- Core Team Member, IoT Club, VIT Bhopal** (Aug 2022 - Jan 2024)
Contributed to **technical documentation & content writing** for IoT projects.
Assisted in organizing **workshops and hands-on events** focused on IoT innovations.
- Anundorom Borooah Award**, Government of Assam (Mar 2019)
- Open-source Contributor**, Hacktoberfest (Oct 2023)