

Pratik Agrawal

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Computer Science undergraduate with hands-on experience in full-stack web development using Java, Python, JavaScript, Django, Node.js, Express.js, and MongoDB. Experienced in building responsive web applications with REST APIs, authentication, database integration, and deployment. Strong foundation in Data Structures & Algorithms and Object-Oriented Programming.

Education

Bachelor of Technology (Computer Science & Engineering)

Siksha 'O' Anusandhan University
CGPA: 9.04

09/2024 – Present
Bhubaneswar, Odisha

Professional Experience

Full Stack Development Intern

Cognifyz IT Solutions Pvt. Ltd

07/2026 – 08/2026

Remote

- Developed **StudentHub**, a full-stack student productivity platform using **Node.js, Express.js, EJS, MongoDB, and JavaScript**.
- Implemented secure authentication, MongoDB-backed sessions, and authentication-protected **REST APIs** with CRUD operations for Notes, Tasks, and Assignments.
- Built responsive and interactive interfaces using **Bootstrap 5 and custom CSS**, and deployed the application on **Render**.

Web Development Intern

SkillCraft Technology

06/2026 – 07/2026

Remote

- Developed responsive web applications and interactive interfaces using **HTML, CSS, and JavaScript**.
- Used **Git/GitHub** for version control and deployed completed projects using **GitHub Pages**

Projects

StudentHub — Student Productivity & Academic Management Platform

Node.js • Express.js • MongoDB • Mongoose • EJS • JavaScript • Bootstrap 5

- Built a full-stack student productivity platform with a personalized dashboard for **Notes, Tasks, and Assignments**, including CRUD, search, filtering, completion tracking, and due-date management.
- Developed **authentication-protected REST APIs** under /api/v1 for Notes, Tasks, and Assignments, supporting CRUD operations and structured JSON responses.
- Implemented secure **session-based authentication** using bcrypt, express-session, connect-mongo, and MongoDB Atlas, with a responsive Bootstrap 5 interface deployed on **Render**.

Social Image Sharing — Social Image-Sharing Platform

Python • Django • SQLite • JavaScript • Google OAuth

- Built a social image-sharing platform with **authentication, profiles, image bookmarking, and user-following** functionality.
- Integrated **Google OAuth** and infinite scrolling with asynchronous interactions using the Fetch API and Django ORM.

Portfolio Website — Personal Developer Portfolio

HTML5 • CSS3 • JavaScript • Formspree • GitHub Pages

- Developed a responsive portfolio showcasing **projects, technical skills, certifications, and professional information**, with interactive navigation and mobile-friendly layouts.
- Integrated **Formspree** for contact submissions and deployed the website using **GitHub Pages**.

Blog Application — Django Content Management Platform

Python • Django • SQLite • HTML5 • CSS3

- Built a Django blogging platform with **authentication and CRUD functionality** for blog posts, using Django ORM.
- Implemented **SEO-friendly URLs, tagging, pagination, custom model managers, and content sharing** with reusable responsive templates.

Skills

Languages: Java • Python • JavaScript

Frontend: HTML5 • CSS3 • EJS • Bootstrap 5

Backend and Frameworks: Node.js • Express.js • Django

Databases: MongoDB • MySQL • SQLite • Mongoose

APIs & Authentication: RESTful APIs • bcrypt • Session-based Authentication

Tools and Platforms: Git • GitHub • VS Code • Render • MongoDB Atlas • Postman

Core Concepts: Data Structures & Algorithms • OOP • DBMS • Responsive Web Design

Certifications

- Career Essentials in Generative AI** — Microsoft & LinkedIn
- Getting Started with Artificial Intelligence** — IBM SkillBuild
- Code in Place — Introduction to Programming Using Python** — Stanford University
- Responsible AI: Applying AI Principles** — Google Cloud