

# Biswajit Pradhan

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*Full-stack engineer shipping AI-powered, microservice-based platforms to 6K+ users, backed by 2 internships, a co-founded venture, and GATE DA 2026 (AIR 6791)*

## EDUCATION

- **Government College of Engineering, Keonjhar** Odisha, India  
*Bachelor of Technology in Computer Science and Engineering; CGPA: 7.87* 2023 – 2027
- **Jawahar Navodaya Vidyalaya, Jharsuguda** Odisha, India  
*Class XII; Percentage: 90.8%* 2022
- **Jawahar Navodaya Vidyalaya, Jharsuguda** Odisha, India  
*Class X; Percentage: 92.8%* 2020

## SKILLS SUMMARY

- **Programming Languages:** Python, Java, JavaScript
- **Full Stack Development:** MERN, PERN, Django, React.js, Node.js, Express.js, RESTful APIs, Microservices
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase
- **Machine Learning & AI:** Classical ML, Regression Modeling, Model-to-API Integration, Deep Learning Fundamentals (PyTorch)
- **Core Concepts:** Data Structures and Algorithms, OOP, System Design Basics
- **Cloud & Tools:** Google Cloud Console, Firebase, Git, GitHub
- **AI Tools & Prompt Engineering:** Claude, OpenAI Codex, Google Antigravity, Prompt Engineering
- **Professional Skills:** Leadership, Public Speaking, Communication, Team Collaboration, Presentation Skills, Problem Solving

## EXPERIENCE

- **Infosys Springboard** Remote  
*AI Intern* May 2026 – July 2026
  - **Freight Quotation Platform:** Designed and shipped a full-stack freight quotation system (React.js, Django, MongoDB) with a microservice backend and an ML-based pricing model, taking it from spec to a deployed product used for internship evaluation.
  - **Machine Learning:** Trained and integrated a regression model to auto-generate shipment price quotes, exposed via a dedicated inference API consumed by the quotation service.
- **The Wall and Us** Remote  
*Full Stack Intern* December 2025 – February 2026
  - **Full Stack Development:** Rebuilt key website components in React.js and integrated Google Sheets API and Google Cloud Console for dynamic content management.
  - **User Analytics:** Implemented backend cookie-tracking and visit-history retrieval, enabling data-driven analysis of user engagement.
  - **Impact:** UI redesign and backend improvements drove a 30% increase in website visitors.
  - **Recognition:** Received a professional LinkedIn recommendation from Reena Chabra, Senior Advisor – Regulatory and Policy at Rogers, for contributions during the internship.
- **BPUTNotes.in** Remote  
*Co-Founder & Full Stack Developer* May 2025 – Present
  - **Platform Build:** Co-founded and built BPUTNotes.in end-to-end as three independently deployed services (main content site, results service, management workspace), now serving 6,000+ students.
  - **Impact:** Drove a 65% increase in website visitors within one month of deployment and kept the results service stable during a 2025 traffic spike that crashed the official university portal.

## CERTIFICATIONS

- Data Structures and Algorithms (GeeksforGeeks) • Deep Learning Fundamentals (Coursera) • Full Stack MERN Development (Udemy) • Django Development (Udemy)

PROJECTS

- **Campus Desk – College Management System**  
*React.js, Firebase*
    - **Architecture:** Built a role-based college management platform supporting approximately 2,000 students and 150 staff members across five roles (Student, CR, Faculty, Admin, HOD).
    - **Core Modules:** Delivered attendance, marks management, university result retrieval via API integration, notices, and library management modules.
    - **Backend:** Used Firebase Authentication and Firestore for authentication, authorization, and data management.
  - **BPUTNotes.in – Academic Resource Platform**  
*React.js, Django, PostgreSQL, Neon DB, Node.js, Express.js, REST APIs*
    - **Multi-Service Architecture:** Architected the platform as three independently deployed services under one domain – a main content site, a results service, and an internal management workspace – so each could scale and ship separately.
    - **Main Site (bputnotes.in):** Built the primary React.js site serving notes, previous-year questions, and university resources to 3,000+ monthly students, backed by Google Sheets API for content sourcing and hosted via Google Cloud Console.
    - **Results Service (results.bputnotes.in):** Built a Node.js service that fetches results directly from the university’s database via API; stayed online and stable during the 2025 result release when the official university portal repeatedly crashed under load, serving 6,000+ students.
    - **Studio (studio.bputnotes.in):** Built an internal management workspace in React.js and Django, run as a separate microservice, letting the content team create, edit, and publish resources to the main site independently of the results and main services.
  - **Intelligent Freight Quote Generation System**  
*React.js, Vite, Django, MongoDB, REST APIs, Machine Learning*
    - **Architecture:** Designed a microservice-oriented backend (Django REST APIs) separating shipment management, quotation generation, and ML inference into independent services.
    - **Machine Learning:** Trained a regression model on historical shipment data and served predictions through a dedicated API consumed by the quotation service.
    - **Frontend:** Built responsive React.js and Vite interfaces for shipment creation, quote generation, and real-time tracking.
    - **Database:** Used MongoDB to store shipment, quotation, and application data across services.

 GitHub

 Live

 GitHub

 Live

 GitHub

 Live
- VOLUNTEERING EXPERIENCE
- **eVidyaloka**  
*Volunteer Tutor – Mathematics*
    - **Online Teaching:** Conducted online Mathematics classes for a government school in the Koraput district of Odisha, making core concepts more accessible for rural students.
  - **Muskurahat Foundation**  
*Fundraising Volunteer*
    - **Fundraising & Outreach:** Contributed to fundraising and outreach initiatives for one month, supporting educational programs for marginalized children.

Remote

*December 2024 – March 2025*

Remote

*October 2024 – November 2024*

ACHIEVEMENTS

- **GATE DA 2026:** Qualified GATE 2026 in Data Science and Artificial Intelligence (DA) with All India Rank 6791.
  - **HackerRank – Python (Problem Solving):** Earned a Gold Badge with a 5-star rating in Python on HackerRank.
  - **GATE DA Mock Paper Reviewer, Filo:** Engaged by Filo (edtech platform) as a paid subject matter reviewer for GATE DA full-length mock papers, based on GATE DA 2026 (AIR 6791) expertise.

LEADERSHIP & ACTIVITIES

- **Content Team Lead – BPUTNotes.in:** Managed the content development team for BPUTNotes.in, running weekly syncs and offline meetups to sustain content flow and visitor traffic.
  - **Yuva Sangam Phase 3 – Ministry of Education, Government of India:** Selected as one of 45 students from 6,000+ applicants as an Odisha delegate; represented the team publicly and visited IIM Kozhikode, IIM Sambalpur, and NIT Calicut.

HOBBIES

*Reading sci-fi, fantasy and suspense thrillers, travelling to new places, and following Malayalam cinema and series.*