BISMAY DEY

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SUMMARY

I'm a results-driven **Full Stack Developer** and **AI/ML Engineer**, passionate about building intelligent, end-to-end web solutions that blend smart technology with seamless user experience. With expertise in **React, Next.js, Node.js, Python,** and **machine learning frameworks**, I develop scalable applications that are both dynamic and data-driven. I thrive on solving real-world problems, exploring cutting-edge tools, and pushing the boundaries of what tech can do.

WORK EXPERIENCE

Consult Easily – Freelance Full-Stack Developer   March 2025 – April 2025
- Built the entire **website** from scratch, including **responsive UI** and **seamless user experience.**
- Developed **robust APIs** and set up a **scalable backend** with **secure database integration**.
- Handled **full-stack development** end-to-end, including **deployment** and **performance optimization.**

RiseApply – Full-Stack Software Development Engineer Intern   April 2025 - Sep 2025
- Led the automation of manual workflows, boosting operational efficiency by **90%.**
- Built and scaled recruitment tools, marketing platforms, and website builders using **Next.js, Node.js, and MongoDB.**
- Developed and maintained **scrapers, website, databases,** and **a browser extension** for **automated job data extraction**.

TaxDeeds – Data Engineer   Jan 2025 - Aug 2025
- Managed project timelines, reducing delivery times by **30%.**
- Spearheaded the adoption of cutting-edge engineering software, improving project accuracy by **15%.**
- Collaborated with cross-functional teams, enhancing project success rates by **10%.**

Echo of Pink – Software Development Engineer   Aug 2025 – Sep 2025
- Led the design, development, and optimization of **Echo of Pink's** e-commerce platform on **Shopify**, delivering a modern, **fully responsive, and conversion-focused** shopping experience.
- Built custom **Shopify themes, automated workflows, and API integrations** for products, orders, and **payments** — improving checkout efficiency and boosting conversion rates by **20%.**
- Continuously enhanced **site performance, implemented data-driven UX improvements, and collaborated** with **stakeholders** to launch new features that **increased customer engagement and online sales.**

Shashwat Technologies – Full-Stack Developer   Sept 2025 – Sept 2025
- Built and optimized **Stayzaa's** frontend and backend, designing the About page and improving **Mapbox GL** globe rendering efficiency by **30%**, boosting page performance and load times.
- Delivered **100%** scalable and maintainable code, ensuring design consistency, responsive UI, and a smooth **user experience** across desktop and mobile platforms.
- Collaborated with core team to ship new features, resolve **90%** of **critical bugs**, and deliver releases on time with a focus on **quality and ownership.**

PKL – Freelance Full-Stack Developer   Sep 2025 – Oct 2025
- Developed the entire platform from scratch, including **frontend, backend, database, and deployment** — delivering a fully responsive **LMS + e-commerce + e-book store** with seamless user experience across all devices.
- **Developed admin and manager panels** with **real-time monitoring, analytics dashboards, and content management**, enabling efficient control over cours**es, orders, users, and payments.**
- Integrated **Razorpay payment gateway,** automated course **enrollment, order management, and live tracking systems** while ensuring secure, scalable, and high-performing architecture with **99.9% uptime.**

Techno India Group – Tech Lead & Full-Stack Developer   **Aug 2025 – Present**

- **Overseeing and managing** all technical operations for Techno India Group, including **frontend and backend development, database design, domain & DNS configuration, server management, and deployment pipelines**, ensuring seamless performance and reliability across all projects.
- Leading a **multidisciplinary development team** to plan, **architect, and deliver modern, scalable web platforms** — handling everything from wireframing and system architecture to **integration, optimization, and security.**
- **Driving innovation and technical** excellence by implementing **best practices, maintaining high system uptime, and ensuring every project** aligns with the group's long-term digital transformation **goals.**

SINIM Bridge Corp. – Web Developer (Independent Contractor)   **Nov 2025 – Present**

- **Developing, maintaining, and publishing SINIM Bridge's official website,** digital platforms, and **web applications**, ensuring **high performance**, accessibility, and responsiveness across all devices.
- **Collaborating** with **HR and recruitment teams** to design and manage career pages and job listings, supporting global hiring operations through **optimized workflows and automated postings.**
- **Enhancing company branding and digital presence** by ensuring all content, visuals, and communication assets remain **accurate, updated, and aligned with organizational goals.**

EDUCATION

Bachelor of Technology in Computer Science and Engineering (AI & ML)   **June 2023 - July 2027**
Techno Main Salt Lake   CGPA: 8.0

SKILLS

- **Technical Skills: Next.js, React.js, React Native, Three.js, TypeScript, JavaScript, Express.js, Node.js, Python, FastAPI, Java, C, HTML, CSS, Tailwind CSS, Git, MongoDB, MySQL, Firebase, WordPress, Wix, Figma**
- **Languages: English, Hindi, Bengali**
- **Certifications: Google Data Analytics, Meta Front-End Developer, IBM AI Engineering**
- **Awards/Activities: Multiple Hackathon Winner; Recognized at RiseApply for automating workflows and improving efficiency by 90%; Active open-source contributor**

PROJECTS

- **Prasanta Kar Institute –** LMS + eBook + E-commerce Website – A comprehensive learning platform integrating online courses, digital eBooks, and an e-commerce store for educational resources, all within a seamless and responsive interface.
  Link: **https://www.prasantakarinstitute.com/**
- **ConsultEasily –** Legal Consultation Platform – A comprehensive digital platform offering instant access to certified lawyers for secure video consultations, document drafting, and 24/7 legal support. Features include encrypted communication, verified professionals, transparent pricing, and a seamless client–lawyer interaction experience.
  Link: **https://www.consulteasily.com/**
- **TechnoTalents –** EdTech Platform by Techno India University – A blended online and offline learning ecosystem for IIT, NEET, WBJEE, and Foundation courses. Offers structured programs, expert faculty, chapter-wise practice, performance analytics, and personalized mentoring for students across Classes 7–12 and droppers.
  Link: **https://www.technotalents.ai/**