

Prakhar Ranjan Srivastava

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Summary

Results-driven Full-Stack Developer with a strong foundation in Java and Data Structures & Algorithms (DSA). Experienced in building scalable SaaS applications using the PERN stack (PostgreSQL, Express, React, Node.js). Recently developed AI-powered ads content generator using Google Gemini API . Passionate about solving complex problems and writing clean, efficient code.

Technical Skills

- **Languages:** Java, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Prisma ORM
- **Databases & Cloud:** PostgreSQL, MySQL, Cloudinary.
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Clerk Auth, Google Gemini API
- **Core Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), RESTful APIs

Projects

AI-Powered Content & Ads Generator (SaaS) (React, TypeScript, Express.js, PostgreSQL) Jan 2026 – Present

- **Architected a multi-stage AI pipeline** where users merge product and model images to generate static ad creatives, featuring an on-demand **image-to-video workflow** to animate assets via **Google Gemini**.
- **Engineered a robust subscription infrastructure** with **Node.js, PostgreSQL (Prisma), and Clerk**, implementing secure webhooks to handle tiered access, user credits, and real-time billing events.
- **Designed a responsive UI** on a React.js, featuring a drag-and-drop editor and real-time preview to enhance user experience.

ALL AI (Full-Stack SaaS Platform) (React, Express.js, PostgreSQL, Tailwind CSS)

- **Developed a comprehensive AI SaaS platform** utilizing the **PERN stack** to deliver a suite of micro-tools, including an article generator, blog title creator, and PDF resume analyzer.
- **Integrated Google Gemini and Clipdrop APIs** for high-fidelity text and text-to-image generation, while leveraging **Cloudinary** for automated background and object removal.
- **Implemented secure user authentication** and a tiered Stripe subscription model via Clerk, enforcing API usage limits and managing role-based access for free and premium users.

Family Travel Tracker (Full-Stack: React, Node.js, Express.js, PostgreSQL)

- Designed RESTful APIs using Node.js & Express.js to handle CRUD operations for a travel logging application.
- Integrated PostgreSQL for persistent data storage and wrote custom SQL queries for efficient data retrieval.
- Implemented server-side rendering using EJS templates for dynamic UI updates and managed dependencies via npm.

Education

Babu Banarasi Das Engineering College, B.Tech in Computer Science 2022 – 2026

Certifications

Software Engineer Intern Role Certification - *HackerRank* Oct 2025

- Validated core competencies in Problem Solving, SQL, and Data Structures & Algorithms.

Full-Stack Development Bootcamp - *Udemy* Jan 2026