

Pratap Shourya Singh

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Summary

1. Full-stack developer with experience in scalable web apps and AI tools
2. Skilled in JavaScript, React, Node.js, and backend development
3. Strong at rapid prototyping and building real-world SaaS products
4. Proven collaboration in high-pressure hackathon environments

Skills

- **Languages:** JavaScript, Python, HTML, CSS, SQL
- **Frameworks:** [Express.js](#), Fastapi
- **Backend:** Node.js, Express.js
- **Database:** PostgreSQL, MongoDB, Mysql
- **Tools & Platforms:** Git, GitHub, Prisma, Clerk, Vercel, Render, webflow, framer, AWS
- **AI/ML:** OpenAI APIs, LLM Prompt Engineering, tensorflow
- **Others:** REST APIs, JWT, Multer, CI/CD (GitLab), DevOps basic

Projects

PDF & E-commerce Toolkit | [Live](#) | [Frontend GitHub](#) | [Backend GitHub](#)

- Full-stack SaaS with **PDF viewer**, **Universal File Converter**, and **e-commerce image cropping user selected area** or (Flipkart, Meesho, JioMart).
- Built **Node.js REST APIs** and **Python tools (OpenCV, PyMuPDF, Fitz)** for cropping, background removal, bulk optimization, and data extraction.
- Exported **PDF key details into Excel sheets** for structured reporting and analysis.
- Responsive **React + Tailwind frontend**, deployed on Vercel with backend integration.
- Features: **bulk processing**, **platform-specific formatting**, **automated resizing**; adding **general select-and-crop across all pages**.
- **Stack:** React.js, Node.js, Express, Python, Tailwind CSS, Excel writer

BugWhisper AI-Powered Debugging Assistant | [Live](#) | [GitHub](#)

- An AI tool for developers that debugs entire codebases within seconds, uploading zip files, repo link and returning console/bug-focused analysis powered by LLMs.
- Streamlined developer workflow by automating static bug detection and built intelligent summarization using OpenAI GPT-4.
- Utilized Multer for secure file uploads and implemented code parsing logic with syntax awareness.
- **Stack:** React.js, Node.js, Express, Multer, OpenAI, Tailwind CSS

BizBuddy AI SaaS for Business Guidance | [Live](#) | [GitHub](#)

- Developed a production-ready multi-page SaaS platform acting as a smart assistant for entrepreneurs and startups.
- Analyzes business needs and provides tailored insights like competitor research, marketing strategies, and product validation.
- Built modular AI-powered features (e.g., market analysis, marketing guidance) with secure authentication and support for user input history.
- **Stack:** Next.js, Node.js, Tailwind, OpenAI, Clerk

Education

B.Tech/B.E. in Computer Science | Rungta College of Engineering and Technology, Bhilai

- Expected Graduation: 2027 | GPA: 8.0/10