

# Pratap Shourya Singh

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## Summary

Full-stack developer with hands-on experience in building scalable web applications and AI-powered developer tools. Strong foundation in JavaScript, React, Node.js, and backend technologies. Adept at rapidly prototyping ideas into real-world SaaS products and collaborating in high-pressure hackathon environments.

## Skills

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

## Projects

### 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