Harshvardhan Singh Rathore

📞 +91-9783015011 ✉ harshvardhanrathore3000@gmail.com in LinkedIn ⭘ Github

EDUCATION

VIT Bhopal University   **July 2022 – June 2026**
B.Tech, Computer Science - **CGPA - 8.44**   *Bhopal, India*

Eden International School   **April 2021 – May 2022**
Class 12th - **Percentage - 84%**   *Bhilwara, India*

St Anselm Sr Sec School   **April 2019 – March 2020**
Class 10th - **Percentage - 89%**   *Bhilwara,India*

COURSEWORK / SKILLS

Data Structures and Algorithms (DSA), Database Management System (DBMS), OOPS Concept, Operating Systems (OS)

PROJECTS

CueSource | *ReactJs, PostgreSQL, O-Auth, Vercel, Prisma, Zod, React-Query*   **May 2024**
- **An innovative bidding system for GitHub issues.**
- Designed an intuitive bidding interface, processing 1,000+ bids daily with real-time updates
- Enhanced database queries with Prisma, improving bid response times by 60%
- Integrated GitHub API to sync issues, reducing manual data entry by 90%

Prescripto | *MongoDB, Express.js, React.js, Node.js, JWT, Stripe, Razorpay*   **December 2024**
- **Developed a full-stack healthcare appointment platform with 3-tier authentication (Patient, Doctor, Admin) supporting 100+ concurrent users.**
- Integrated Stripe Razorpay gateways, reducing payment failures by 95% through robust error handling
- Built an analytics-rich admin dashboard, enabling staff to manage 500+ appointments with automated status tracking
- Optimized React frontend and MongoDB queries, cutting page-load times by 40%
- Architected RESTful APIs for appointments, profiles, and payments, ensuring seamless cross-platform integration

Imagify | *React, TailwindCSS, Node.js, Express.js, MongoDB*   **January 2025**
- **AI-powered image generation and optimization platform delivering sub-second processing latency.**
- Leveraged ClipDrop API to support background removal, upscaling, and style transfer, processing 10k+ images in the first month
- Implemented secure JWT authentication and role-based access, achieving 0 production security incidents
- Stream-based Node.js pipeline with Sharp reduced memory usage by 45% and CPU utilization by 38%

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, SQL, HTML, CSS
Developer Tools: VS Code, Notion, Linear, Obsidian
Technologies/Frameworks: GitHub, ReactJS, Git, MongoDB
Languages: English, Hindi

CERTIFICATIONS

Bits and Bytes of Computer Networking: Part of Google IT Support Professional Certificate
Python Essentials : VITYARTHI

ACHIEVEMENTS

- Solved **400+**DSA problems across multiple platforms
- Finalist in **Arthneeti 4.0**