

HARSHVARDHAN SINGH RATHORE

☎ +91-9783015011

✉ harshvardhanrathore3000@gmail.com

🌐 [LinkedIn](#)

🐙 [Github](#)

EDUCATION

VIT Bhopal University

B.Tech, Computer Science - **CGPA - 8.47**

July 2022 – June 2026

Bhopal, India

Eden International School

Class 12th - **Percentage - 84%**

April 2021 – May 2022

Bhilwara, India

St Anselm Sr Sec School

Class 10th - **Percentage - 89%**

April 2019 – March 2020

Bhilwara, India

COURSEWORK / SKILLS

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

PROJECTS

CueSource | NextJs, 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, Slack, Linear, Obsidian

Technologies/Frameworks: GitHub, ReactJS, NextJS, NodeJS, ExpressJS, Git, Mongo, Clerk-auth, React-Query

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**