

# HARSH KUMAR AGARWAL

Pune, India

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## PROFILE

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Software Engineer with front-end and back-end engineering skills aiming to innovate technology to support people and allow them to leverage technology's potential. Building the trust of people towards my product, by providing them with a stunning user experience.

## EDUCATION

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**Bharati Vidyapeeth College of Engineering**  
*Bachelor of Technology in Information Technology*

**Aug 2022 – Present**  
*Pune, India*

CGPA: 8.9

## PROJECTS

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### MockMate – AI Interview Mocker [↗](#)

- Developed a smart and interactive platform simulating real-time interviews using **AI-driven technology**, providing **personalized feedback** to boost readiness.
- Integrated **Gemini AI** to generate **dynamic interview questions** tailored to **job roles, experience levels, and industries**.
- Implemented **Clerk Auth** for **secure, seamless user authentication** and account management, ensuring **robust data privacy**.
- Leveraged **Neon DB** for **fast, reliable data storage**, improving **session management** and **interview history retrieval** by **30%**.

### Pacman-Arcade-JS [↗](#)

- Developed a browser-based **Pacman Arcade game** using **HTML5, CSS, and JavaScript**, ensuring compatibility across modern web browsers.
- Designed a grid-based game layout with responsive controls, enabling smooth maze navigation via keyboard arrow keys.
- Engineered intelligent ghost AI with randomized movement, enhancing challenge and classic gameplay feel.
- Deployed as a **Progressive Web App (PWA)** on **Vercel**, enabling offline play and improving load speed by **40%**.

### Dashmate [↗](#)

- **Dashmate** is a fast, **Vite-powered** task manager with sleek **dark** and **light themes**.
- **Fully responsive design** ensures **seamless accessibility** and smooth **usability across all devices**, including smartphones and tablets.
- Users can **add, edit, delete, and prioritize tasks** with an intuitive interface.
- **Clean, modular codebase** improves load speed and **efficiency by 35%**, ensuring smooth performance.
- Designed for productivity with a **modern UI, minimal design, and smooth UX**.

## SKILLS

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**Languages/Technologies:** HTML | CSS | JavaScript | MySQL | Python | Clerk Auth | Neon DB | Gemini AI

**Developer Tools:** GitHub | VS Code | XAMPP | Postman API

## CERTIFICATIONS

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Cloud Computing - NPTEL

Programming for Everybody - University of Michigan

Data Base Management System - IIT Kharagpur