Subhadeep Haldar

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LinkedIn | Github

Education

BTech in CSE(Cloud Computing And Automation) at VIT Bhopal University, Bhopal   **Sep 2022 - 2026**
Cumulative GPA: 8.65/10

Technical Skills

Programming Language: Java , JavaScript, HTML, Python, CSS, MySQL,C++
Frameworks: React, MongoDB

Projects

Farm Flow – Smart Agriculture Web Application | Full Stack   **Oct 2024 – Mar 2025**

- Engineered a smart agriculture system utilized by 30+ farmers, enhancing crop yield by 15% through real-time monitoring of crop cycles and livestock health, leading to increased revenue.
- Integrated intelligent crop monitoring, real-time weather analytics, and livestock tracking modules using interactive dashboards —improving decision-making efficiency for 30+ farmers by 60%.
- Developed a secure, **role-based portal** for farmers, buyers, and admins with **99.9% uptime** using Vercel.
- **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Vercel (deployment)**.**

Freelancing Platform Website | Full Stack   **Feb 2024 - May 2024**

- Engineered a freelancing marketplace enabling **100+ students** to connect with clients through secure job postings.
- Implemented **real-time chat** using WebSockets and secured **Stripe-based payment** flows for 150+ transactions.
- Built JWT-based authentication for 100+ users with secure Stripe payments, enabled 99+ reviews via a 5-star rating system .
- **Frontend:** React, SCSS , **Backend:** Express.js, Node.js, Prisma, **Database:** MongoDB , **Other:** JavaScript, Cloudinary for image upload, Stripe for payment processing, Vercel for deployment.

Bookshelf Project | Full Stack   **Aug 2023 - Oct 2023**

- Created a scalable e-book platform providing access to a digital library of **100+ books** for 200+ users.
- Enhanced user experience by **reducing search time by 40%** through optimized filtering and indexing algorithms.
- Composed and launched advanced filtering options within the e-book platform ; decreased average user search time from 15 seconds to 9 seconds, resulting in enhanced user experience.
- **Frontend**: React, Tailwind CSS, **Backend**: Express.js, Node.js, Prisma, **Database**: PostgreSQL, AWS S3, **Other**: AWS SDK, JavaScript, Vercel for web hosting.

Extracurricular Activities

- Wicketkeeper-Batsman , District Under-19 Cricket Team - developed quick reflexes, tactical awareness, and team communication skills.
- District Representative, Under-19 Athletics - demonstrated commitment to excellence and ability to perform under competitive pressure.
- Sports Fests Manager, "AdVitya" (2023 & 2024) - coordinated multi-day events, managed resources, and led organizing committees

Additional

Languages	**:**	Fluent in Hindi, English & Bengali
Certifications	**:**	Cloud Computing Foundations (Coursera) – March 2024
		Foundations of Cyber Security (Coursera) – August 2024
		Managing Security Risks (Coursera) – September 2024
		Web Development (Coursera) – Dec 2023