

Subhadeep Haldar

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Education

BTech in CSE(Cloud Computing And Automation) at VIT Bhopal University, Bhopal Sep 2022 - 2026
Cumulative GPA: 8.61/10

12th Standard, Assembly of God Church School , Purulia , West Bengal Jul 2022
CBSE Percentage: 78.6%

10th Standard, St Xavier's School , Purulia , West Bengal Jul 2020
ICSE Percentage: 94.8%

Technical Skills

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

Frameworks: React, MongoDB

Cybersecurity: SIEM Tools , Security Risk Management, Incident Response, Threat Intelligence.

Developer Tools : Git,Google Cloud Platform, VS Code, IntelliJ , Amazon Web Services.

Projects

Farm Flow – Smart Agriculture Web Application 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 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 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

Additional

Languages : Fluent in Hindi, English & Bengali

Certifications : **AWS Academy Graduate – March 2024**

Cloud Computing Foundations (Coursera) – March 2024

Foundations of Cyber Security (Coursera) – August 2024

Managing Security Risks (Coursera) – September 2024

Online Course in Web Development (Coursera) – Dec 2023

AWS Solutions Architect(Ethnus) - April 2025