

## Subhayan Kapas

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### CAREER OBJECTIVE

A motivated and detail-oriented software developer with a passion for building efficient, scalable, and user-centric solutions. Seeking to contribute my skills in front-end and full-stack development to a dynamic and growth-oriented organization.

### EDUCATION

Kharar Sri Aurobindo Vidyamandir	<b>Higher Secondary</b>   2020 – 2022	Percentage: 92%
University of Engineering and Management, Jaipur	<b>B.Tech. in Computer Science</b>   2022 – 2026	GPA: 8.74

### TECHNICAL SKILLS

**Programming Languages** : Java, C, Python, OOPs, JavaScript  
**Database & Data Management** : SQL (Structured Query Language), MongoDB (NoSQL)  
**Web Technologies** : HTML, CSS, JavaScript, React.js, Node.js, Express.js  
**Others** : Git, GitHub, Postman, VS Code, Canva, REST APIs, Responsive Design

### EXPERIENCE

- Android Development Virtual Internship** | (AICTE Eduskill) August 2021 – Present
- Completed an internship in Android Development, gaining hands-on experience in building mobile applications.
  - Contributed across the development lifecycle, from design to deployment, improving skills in Android programming and app architecture.
- Web Development Virtual Internship** | (CodeSoft) July 2016 – March 2020
- Assisted in the development of web applications, focusing on frontend tasks using HTML, CSS, and JavaScript..
  - Enhanced proficiency in core web technologies and gained practical experience in real-world frontend development workflows.

### PROJECTS

- Domestic Water Wastage Prevention System** | (IOT Componenets, React Js, FireBase) Jan 2025
- Developed an IoT-based smart water monitoring system using ESP32, flow sensors, servo motors, and OLED displays to track and control domestic water usage in real-time.
  - Integrated Firebase Firestore, Authentication, and Razorpay API for data handling, user access, and payments, promoting sustainability and efficient resource management.
- CloudGallery** | (MERN Stack) Oct 2024
- Built a full-stack cloud-based image and video gallery using the MERN stack, with Cloudinary integration for efficient media storage and management.
  - Implemented secure authentication, real-time gallery features (upload, delete, categorize), and focused on responsive UI with strong backend data handling.
- ScoreVault** | (PHP, MySQL, XAMPP, HTML, CSS, JS) November 2023
- Developed a PHP-MySQL based marksheet and certificate management system to streamline academic record handling for institutions.
  - Enabled generation, storage, and retrieval of academic documents, improving accessibility for both administrators and students while ensuring data security.

### ACHIEVEMENTS

- Top 15 Finalist – AceHack 4.0 (36-hour Hackathon)** | UEM Jaipur March 2025
- Developed an IoT-based Domestic Water Wastage Management System using ESP32 and flow sensors to promote water conservation.
- Participant – DuHackes 2.0 (Online Hackathon)** | Delhi University August 2024
- Participated with team **THE WEB-TITAN**, developing tech solutions under a tight 24-hour deadline.
  - Focused on innovative problem-solving and presented the final project.
- Round 2 Qualifier – Solving for India Hackathon Series** | Google Cloud & AMD January 2025
- Qualified in Round 1 and invited to Noida for the second round of this national-level innovation challenge.

### CERTIFICATIONS

<b>Introduction to Java – Infosys SpringBoot</b>   Infosys	Oct 2025
<b>NPTEL: Joy of Programming with Python (Elite)</b>   IIT Madras	Apr 2022
<b>NPTEL: Introduction to C Programming (Elite+Silver)</b>   IIT Kharagpur	Jul 2023
<b>NPTEL: Python for Data Science (Elite+Silver)</b>   IIT Madras	Aug 2024