

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, growth-oriented organization.

EDUCATION

Kharar Sri Aurobindo Vidyamandir	Higher Secondary 2020 – 2022	Percentage: 92%
University of Engineering and Management, Jaipur	B.Tech. in Computer Science 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) January 2024 – May 2024

- 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 2024 – October 2024

- 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 Components, 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 and real-time gallery features (upload, delete, categorize), with a focus on a responsive UI and 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 the 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

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