

SKILLS

Languages: C++, JavaScript, JAVA, Python, HTML, CSS, SQL.

Tools & Libraries: GIT, Jira, React.js, Express.js, Node.js, Docker, Postman, Swagger, Pico voice.

EXPERIENCE

Software Developer Trainee | WebMobril Inc., Noida

Jun 2024 - Present

- Developed a **home voice assistant model** with features like **intent detection**, **weather integration**, **music playback**, **voice authentication**, and **voice transcription**.
- Collaborated with stakeholders to understand user needs and incorporated feedback. Assisted in testing design ideas and refining project documentation.
- Wrote **maintainable code** focused on **reusability** and followed best practices for **diagnosability** and **reliability**. Helped troubleshoot issues in live services and participated in on-call support.
- Focused on improving the **performance** and **efficiency** of projects through continuous learning and adapting to operational needs.

PROJECTS

Jio | Home Voice Assistant | Python, Pico voice, Open AI.

- Collaborated with stakeholders to understand requirements to provide code solutions to address identified problems.
- Developed a voice biometric system, allowing only authorized users to give commands, enhancing user-specific access.
- Created a voice transcription module to capture and process audio input, converting it to text using speech recognizer.
- Built a command-based audio streaming system with functions such as play, pause, stop, next, and previous, along with integrated weather and temperature updates through voice commands.

QR Plaza | ReactJS, TypeScript, Blockchain.

- Developed a Merchant and Admin Panel for a Luxury Brand website that can handle multiple features.
- Adding merchants, Adding Products, user management, Brand and category creation are a few features of the Panels.
- Created a Blockchain based wallet that holds the Product NFT.

RentIt | Full stack Website | Nodejs, ReactJS, ExpressJS, MongoDB

[Code](#) | [Link](#)

- Created Secure APIs to handle the database (MongoDB Atlas) using Express.JS functionalities.
- Integrated features like adding products to give on rent and managing the personal panel.
- Implemented user authentication, Input validation and auth guard for protected access.

Portfolio | ReactJS, NodeJS, Express

[Code](#) | [Link](#)

- Developed a captivating portfolio website using Nodejs, ReactJS and Express.
- Integrated *Node Mailer* in backend to send email from client side to the admin.
- This is a well-curated showcase of coding skills and creativity, with well-crafted visuals.

EDUCATION

Chandigarh University, Punjab | Master of Computer Applications (MCA).

Aug 2022 - May 2024

- *Data Structures & Algorithms, Computer Network, Mobile Application.*
- *Blockchain, Cloud Technologies, AI/ML, DBMS, OOPs.*

CERTIFICATIONS

Advance Business Analytics Specialization | Coursera

[Certification](#)

C++ Data Structures in the STL | Coursera

[Certification](#)