

Rishi Chhabra

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Location: Noida, Uttar Pradesh, India

Objective: I am seeking a position where I can efficiently contribute my skills and abilities to the growth of the organization and build my professional career.

Skills:

1. Proficient in C++, Python, Dart, SQL, and Swift. Knowledgeable in scripting languages and technologies such as HTML and CSS.
2. Competence in using AWS services, including Document DB, MongoDB, and Firebase. Also proficient in cloud integration with Flutter applications and deployment of applications.
3. Experience in working with hardware such as Raspberry Pi, NodeMCU, and ESP8266 for IoT projects. Familiarity with relay control and PIR sensors for automation tasks.
4. Strong knowledge of REST APIs, Postman API, and computer networking protocols. Experience in integrating APIs in mobile and web applications.
5. Proficient in developing applications with Flutter and Swift. Have experience in web development with HTML and CSS, and experience in deployment and maintenance of applications.
6. Solid understanding and experience in solving complex problems using data structures and algorithms.
7. Hands-on experience with Firebase, AWS DocumentDB, MongoDB. Proficient in implementing CRUD operations and integrating databases into Flutter applications.
8. Experienced in building PCs and laptops, capable of diagnosing and resolving hardware issues.
9. Proficient in Microsoft PowerPoint and Excel. Have experience in video editing with Da Vinci Resolve, video streaming on YouTube, and photo editing.

10. Excellent problem-solving skills, good communication and teamwork abilities, a keen eye for design, fluent in English, Hindi, and French.

Education:

- Pursuing B.Tech in Computer Science and Engineering from Central University Haryana, Mahendragarh, Haryana.
- 12th from Delhi Public School Indirapuram, Ghaziabad (CBSE Board) with 88.6% in 2020.
- 10th from Delhi Public School Indirapuram, Ghaziabad (CBSE Board) with 88.6% in 2018.

Internships:

1. Yash Infonet Private Limited

- Title: Full Stack Flutter Development and AWS Cloud Practitioner
- Organization: Yash Infonet Private Limited
- Duration: June 2023- Present
- Domains: Flutter, AWS, AWS Amplify
- Brief: As part of my role at Yash Infonet Private Limited, I am involved in full stack development using Flutter for website development. I have been utilizing my skills in Flutter to create interactive and user-friendly web applications. Additionally, I have gained proficiency in AWS and AWS Amplify, enabling me to deploy and manage the applications in a scalable cloud environment. I have been actively involved in integrating Flutter applications with AWS services and utilizing AWS Amplify for seamless backend operations.

2. Dappunk

- Title: Social Media Application Development
- Organization: Dappunk
- Duration: January 2023 - March 2023
- Domains: Flutter, Web3, NFT Blockchain, Firebase
- Brief: I am contributing to the development of a social media application that leverages Web3 and NFT Blockchain. My contributions include UI development, implementing light and dark themes, and setting up push notifications. The platform allows users to create, share, and monetize content in a secure, decentralized environment.
- Certificate-
https://drive.google.com/file/d/1fjnDJZRd5loGoqzE4McyJWFZ7UCTfbaD/view?usp=share_link

3. Unicel Corporation (now Watter)

- Title: Watter App and Website Development
- Organization: Unicel Corporation (now Watter)
- Duration: August 2022 - Present
- Domains: Flutter, Firebase, InfluxDB, Postman, IoT
- Brief: I am currently involved in the development of a smart water tank management web application and website. The system displays data stored in InfluxDB via Postman and Firebase Firestore Cloud in the form of graphs and tables. My responsibilities include developing and testing application features including data visualization and user authentication. The application is currently in the prototype stage.
- Local Newspaper Article –
https://drive.google.com/file/d/1y94Lu38Gi_7A2PxX_8KDDnwYDe5ZUyYV/view?usp=share_link

Projects:

1. Roamwise Travel App

- Organization: Personal Project
- Duration: October 2022 - Present
- Domains: Flutter, Firebase, Recommendation System, Chatbot
- Details: I am currently developing an end-to-end mobile application for travelers, incorporating a recommendation system and a chatbot for enhanced user experience. The application uses cloud services with MongoDB and Natural Language Processing for the chatbot. It is currently in the development stage and live on TestFlight for iOS.

2. Personal Portfolio Website

- Organization: Personal Project
- Duration: June 2023 - Present
- Domains: HTML, CSS
- Details: I am creating a personal portfolio website using HTML and CSS. The website serves as a showcase for my projects, skills, and experiences, presented in an interactive and user-friendly manner.

3. IoT Smart Classroom Automation

- Organization: College Major Project, Central University Haryana
- Duration: March 2023 - Present
- Domains: IoT, Raspberry Pi, NodeMCU, Relay Control
- Details: I am building a smart classroom automation system using NodeMCU and Raspberry Pi as a hub relay to control lights using PIR sensors and a Flutter application.

4. Product Verification through QR/Barcode Using Blockchain

- Organization: Personal Project
- Duration: December 2022 - January 2023
- Domains: Flutter, Blockchain, Firebase, Smart Contracts
- Details: I designed a system that leverages Ethereum blockchain to deploy smart contracts for product verification. Product information is stored in QR codes and NFC tags, allowing for secure and reliable product authentication. I worked on UI elements and used smart contracts. The application is live on TestFlight for iOS.

5. Attendance App

- Organization: College Minor Project, Central University Haryana
- Duration: August 2022 - October 2022
- Domains: Flutter, Firebase
- Details: I developed an attendance marking and tracking application, employing Firebase for backend services. I implemented Role-Based Access Control (RBAC) for differentiated access permissions across student, staff, and admin roles. I worked on user authentication (Role-Based) and UI elements.

6. School Management System

- Organization: Delhi Public School Indirapuram, Ghaziabad
- Duration: January-February 2020
- Domains: C++
- Details: I developed a system to manage school records effectively. The system allows safe storage and easy retrieval of student and staff information, making the task less time-consuming.

7. Line Following Robot

- Organization: Delhi Public School Indirapuram, Ghaziabad
- Duration: September-October 2017
- Domains: Arduino, Robotics
- Details: I built an autonomous robot capable of following either a black or white line on a contrasting surface. The robot uses several sensors to stay on track, enhancing its navigational capabilities.

8. Remote Controlled Car

- Organization: Delhi Public School Indirapuram, Ghaziabad
- Duration: October-December 2017
- Domains: Wi-Fi technology, Arduino
- Details: I designed and implemented a remote-controlled car utilizing Wi-Fi technology for control through a computer or mobile devices. It uses the wireless module of ESP8266 for transmission and Arduino Uno as a microcontroller.

9. Obstacle Avoiding Robot

- Organization: Delhi Public School Indirapuram, Ghaziabad
- Duration: November-December 2017
- Domains: Arduino, Robotics
- Details: I created a robot capable of automatically sensing and avoiding obstacles in its path. This allows the robot to navigate in unknown environments while avoiding collisions.

Courses:

1. Title: AWS Certified Cloud Practitioner (In progress)

- Organization: Amazon Web Services (AWS)
- Duration: June 2023-Present
- Brief: I am currently pursuing a foundational course that provides a detailed understanding of AWS cloud, its architectural principles, security aspects, and basic cloud pricing. The course also includes an overview of different AWS services and how they integrate and interact with each other.

2. Title: Competitive Programming

- Organization: LeetCode/HackerRank
- Duration: October 2022-Present
- Brief: I am actively solving complex problems related to data structures, algorithms, and SQL. I have completed over 120+ problems which have enhanced my analytical skills and programming proficiency.

3. Title: Google IT Automation with Python

- Organization: Coursera
- Duration: March-June 2022
- Brief: I acquired knowledge in Python and its application in automating common system administration tasks. I also learned about Git, GitHub, troubleshooting, and debugging complex problems, and the implementation of automation at scale using configuration management and cloud services.

4. Title: Google Data Analytics

- Organization: Coursera
- Duration: January-March 2022
- Brief: I learned how to clean data, apply problem-solving strategies, think critically, and communicate effectively. I gained hands-on experience in data ethics and visualization using Presentations, Spreadsheets, SQL, Tableau, and R Programming.

5. Title: Robotics with Arduino

- Organization: Delhi Public School Indirapuram, Ghaziabad
- Duration: July-December 2017
- Brief: The course provided me with a hands-on experience in building and programming robots using Arduino and ESP boards. I gained skills in circuit design, C++ programming, and troubleshooting. The final project involved building a functioning robot with autonomous and remote control modes.

6. Title: Astronomy

- Organization: Delhi Public School Indirapuram
- Duration: July-December 2017
- Brief: I explored the universe and its phenomena, including deep sky observations using telescopes, learning about various celestial bodies, and gaining an understanding of astronomical concepts. I participated in a four-day camp that included stargazing sessions, mapping constellations, and learning about telescope operation and maintenance.

References:

1. Amitabh Srivastava

- Senior Vice President
- Star Data Infrastructure Pvt Ltd
- Contact: +91 981816779
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2. Girish Narang

- Cloud and DevOps Specialist
- RBC Capital Markets
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3. Dr. S.K. Srivastava

- Retired Professor
- Indian Institute of Technology Kharagpur
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4. Pranav Atray

- General Manager
- Ericsson
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Personal Details:

- Father's Name: Sanjiv Chhabra
- Mother's Name: Meenakshi Chhabra
- Date of Birth: 13 August 2002
- Address: -1, Rajat Vihar, Sector-62, Noida, Uttar Pradesh, India 201301
- Languages Known: English, Hindi, and French