

KRISHNA AGRAWAL

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EDUCATION

VIT University, Vellore - B.Tech. (IT) CGPA - 8.82	2022-2026
Padmavati Academy - HSSC (CBSE) Percentage – 91.6%	2021-2022
BBL Public School - SSC (CBSE) Percentage – 92.2%	2019-2020

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, SQL, Java
- **Web/Frameworks:** ReactJS, NodeJS
- **Cloud & DevOps:** AWS (Lambda, Amplify, API Gateway, Cognito, IAM), GitHub
- **Tools:** Visual Studio Code, Excel, Power BI
- **CRM & ERP Platforms:** Salesforce, Odoo
- **Database:** MongoDB, Oracle

WORK EXPERIENCE

Research and Development Intern || Samsung R&D Institute India July 2025 – Present

Samsung Prism Program

- Spearheaded early research and defined requirements for an AI-powered SRE tool enhancing CI/CD observability, which informed the subsequent development roadmap and reduced potential alert fatigue by 15%.
- Initiated foundational research and drafted functional specs for an AI-enabled SRE assistant, contributing to a 20% anticipated drop in manual alert triage within CI/CD pipelines.

Summer Intern || Quadrafort Technologies June 2024-July 2024

- Contributed to a project titled **"Recruiting app"** in **Salesforce**, enhancing my understanding of Salesforce functionalities.
- Gained hands-on experience with **Odoo's CRM and Sales** modules, acquiring practical insights into their functionality.
- Created an **e-commerce website** using **Odoo's website module**, featuring products like phones and laptops with variants, and enabling users to generate quotations and invoices.

PROJECTS

- **Chatting Website**
Built and deployed a real-time chat application on **Render** using **MERN** stack with **Socket.IO** for instant messaging, **JWT** for secure authentication, and a responsive **UI** powered by **Daisy UI**.
LIVE-DEMO: [ChatApp](#)
- **AWS-Based Serverless Ride-Hailing Platform**
Built and deployed a **serverless** web-based taxi ride booking application using AWS services, integrating **GitHub** for version control, **AWS Amplify** for frontend hosting, **Cognito** for user authentication, **Lambda** and **API Gateway** for backend logic, **IAM** for access control, and **DynamoDB** for scalable data storage.
- **MapShare – Social Map Pinning for Travelers**
Developed a **full-stack** travel application using **React.js** with **hooks**, **Express.js**, and **MongoDB**, allowing users to pin travel locations on an interactive Mapbox map and share reviews with others in real time.

ACHIEVEMENTS

- Completed **"Mastering Data Structures & Algorithms using C and C++"** from **Udemy**.
- Achieved **CodeChef 2★** (1569) in **Div 3** (June 2025) through consistent rated contest participation.

POSITION OF RESPONSIBILITY

Volunteer, Gravitas'23, a prominent tech fest hosted by VIT Vellore 2022-2023.

- Actively involved in ensuring smooth onboarding process & coordinating with hostel authorities to address accommodation needs

Senior-Core Member-Research team, Futurepreneurs 8.0, an E-cell flagship event 2023-2024

- Ideated & executed a **business simulation competition** resulting in a turnout with 50+ participating teams in Futurepreneurs 8.0.
- Orchestrated Innoventure, a flagship E-Summit event, crafting engaging challenges resulting in a 95% participant satisfaction rate based on post-event surveys from 50+ competing teams.

Junior Core Member, The Computer Society (IEEE-CS) 2023-2024

- Actively contributed to the organization of flagship event, **"HackBattle,"** a **36-hour hackathon** with **500+ participants**.
- Contributed as an evaluator at HackBattles's team review rounds, providing feedback and assessments across three phases.
- Collaborated with **Chirag Goel, a distinguished YouTube influencer** (16.2k + subscribers), by inviting him to join our event as an eminent speaker and becoming a member of the panel of judges.

EXTRA-CURRICULAR ACTIVITIES

- **Led** and **designed** a travel companion website project as team leader at Codechef's DEVSOC 36hr-hackathon (VIT).
- 1 of the 100 students selected for an exclusive industrial visit to **U R Rao Satellite Centre (URSC)-ISRO, Bengaluru**.
- Facilitated a community outreach program at **Muthiyor Balar Kudumba Grama Pannai** and showcased science and tech application projects to younger students.