UDIT

Mohali, Punjab

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Career Objective

Aspiring Computer Science Engineering professional with a strong foundation in full-stack development, cloud computing, and software engineering principles. Proficient in AWS, Python, Angular, and streaming technologies like Kinesis and Kafka. I have a keen interest in building scalable, secure, and high-performance applications. Passionate about problem-solving, cloud-native solutions, and collaborating on innovative projects in cybersecurity and enterprise software development.

Education

Chandigarh University	**June 2022 - June 2026**
Bachelor of Technology in Computer Engineering (CGPA of 8.64)	*Punjab, India*

Army Public School	**June 2019 - June 2020**
Intermediate (95.8%)	*Uttar Pradesh, India*

Army Public School	**June 2017 - June 2018**
Matriculation (95.2%)	*Uttar Pradesh, India*

Experience

The Josh Squad | (View link) — **April 2024 – Dec 2024**

Software Development Engineer Intern — *Gujarat, India*

- Built on latest tech stacks its an user interactive website which is an online All India platform for Defence Education, it offers 3 different profile options to user, admins and trainers surfacing their services throughout the country.
- Optimized the website performance, achieving a 65% faster page load time, a 30% improvement in database query efficiency, and scaling the system to handle 2x more concurrent users by implementing caching, query optimization, and frontend bundle reduction techniques.
- Wrote multiple API's for the team which returned the extracted data from Mongo DB by doing some computations on the basis of business requirement. These API's made the system more feature rich.

Projects

Atlanz | *Python, Jupyter, IOT, Cloud Computing* | (View Link)   **4**

- Advanced vehicle management system that introduces a Vehicle-to-Everything (V2X) model, creating a connected network between vehicles, infrastructure, and the environment.
- Atlanz employs a dynamic traffic light system that adjusts signal timing based on real-time vehicle density data.This system optimizes traffic flow, reducing congestion and travel time.

Farmpe | *Mongo DB, Express Js,React Js, Node Js* | (View Link)   **4**

- A vernacular-based Platform for farmers to connect with a large number of farmers and agriculture experts to share and learn knowledge.
- India's first online farmers' community where farmers can ask crop-related questions and can get instant solutions in their languages. Our vision of "Transforming the Future of Farmers" is translating into making farmers sustainable and profitable.

Achievements

- **Smart India Hackathon Finalist, 2024** in track of Agriculture **PS ID:1596**
- **1st Position** in Tekathon 3.0 Hackathon where **200+** teams participated..
- Elected twice as Student Training Placement Representative thrice as Class Representative in my University acting as a link of communication between students and higher management .
- Secured all India rank of **326** in TCS codevita 2023.
- NCC cadet selected amongst 15,000 cadets by competing in different fields and Got Institutional Rank from Cadet to Cadet Senior under officer. Attended IMA attatchment camp (December 2023).

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL
Technologies/Frameworks/Libraries: Spring, Junit, ReactJS, Tailwind CSS