AMAN AGGARWAL

Software Developer

Uttaranchal University, Dehradun

CONTACT

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- LinkedIn
- Coding Ninja

TECHNICAL SKILLS

Languages
Java
C++

Framework
Spring boot

REST Client
Insomnia, Postman

Databases
MySQL

API Design Principles

Security Principles for web applications.

Problem-solving abilities
500+ Data Structures and Algorithm Questions

SOFT SKILLS

Analytical thinking

Attention to Detail

Eager to learn and adapt to new technologies

EDUCATION

Uttaranchal University, Dehradun

2021-2025	**GRADUATION**

Bachelor of Technology in CSE (**Specialization in Cloud Computing**)	9.02 CGPA

D.A.V Centenary Public School, Haridwar

2021	INTERMEDIATE (XII)	85%
2019	MARTICULATE (X)	87%

PROFILE

Aspiring Software Developer with hands on experience in SpringBoot, API creation and integration, and authentication system. Passionate about building scalable and secure applivations

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PROJECTS

Spring Boot OAuth2 Authentication Gateway

- Implementation of OAuth2 authentication in a spring boot application, enabling secure login with Google and GitHub.
- Used spring security to protect resources from retrieving users information and manages authentication.

Secure JWT Token Management in Spring Boot

- Developed a spring boot application to handle JWT (JSON WEB TOKEN) generation and validation.
- Implemented secure authentication and authorisation processes, enabling the issuance of JWTs for user sessions and validating token to protect application recourses.

SecureKey API Gateway

- A secure and robust API management system designed to authenticate users via API keys and tokens.
- The system ensures that only validated users can access sensitive data from database, enhancing security and control over API interactions.

PassGuard Encryption Library

- A static library designed to enhance the security of password handling within applications.
- By providing robust encryption mechanism, it ensures that passwords are securely encrypted before storage or transmission, mitigating the risk of unauthorized access and data breach.

Weather Application

- A dynamic and user-friendly application designed to provide real time weather information by sending requests to weather API server.
- It fetches detailed current weather data for various locations. It is designed to be accessible, the application works seamlessly on web.

ACHIEVEMENTS

- Active participation in weekly contests organised by Coding Ninjas. (**Top 5 in leaderboard for 2 months**)
- Two times selected in Smart India Hackathon at University Level.
- AIR 396 in CODEKAZE (Coding Ninjas), September 2024.