

ASHISH GUSAIN

Back-End Developer

✉ 2001.ashish.official@gmail.com ☎ 8439218915

🌐 <https://github.com/agusain2001>

Java Backend Architect | Championing Microservices: Craft scalable & secure systems, specializing in Spring & cloud-based microservice architectures. Passionate about integrations & robust infrastructure. Seeks collaboration for next-gen backend innovations.

Experience

Freelance Website Design

2019 - 2021

- Took an online course to learn more about web design and management, and successfully finished the course.
- Designed a website for a cafe by applying the skill received from the course and years of experience as a web designer, which resulted in the improvement of the website performance and web traffic by 46%.

Projects

Flavors of Dun: Showcases the cafe's integration with local tastes.

- **Overview:-** The Talab Cafe website is working as expected. It is easy to navigate and provides all of the necessary information about the cafe, including its menu, location, hours of operation, and contact information. The website also has a gallery of photos and videos that showcase the cafe's ambiance and food.
- **Technologies:-** Html/CSS , JavaScript, Ajax, Java,.
- **Outcomes:-** Overall, the Talab Cafe website is a well-designed and informative website that is easy to use.
- **Link:** <https://www.talabcafe.in/>

Data-Driven Contacts - Transparency and insights into contact interactions.

- **Overview:-** Smart Contacts: The easy way to stay organized and connected. With Smart Contacts, you can easily organize, sync, and manage all your contacts in one place. Group and tag your contacts, add notes and reminders, and import and export contacts with ease.
- **Technologies:-** Html/CSS, Java, Spring boot, Spring ORM, Spring security JavaScript, Ajax.
- **Outcomes:-** A website which manage contacts and provide robust security and privacy.
- **Link:** <https://github.com/agusain2001/SmartContract/tree/main/SmartContract>

Mailspring: Launch Your Emails Like Rockets

- **Overview:-** Mailspring takes the hassle out of email marketing. Our REST API integrates seamlessly with Java, Spring Boot, and Spring ORM. Send reliable, trackable emails with ease using templates and gain powerful insights with built-in analytics. Take email marketing to new heights!

- **Technologies:-** Java, Spring boot, Spring ORM, MariaDB. RestAPI, Spring security.
- **Outcomes:** Send email campaigns effortlessly. Track email performance & engagement. Gain valuable insights through analytics. Streamline marketing operations
- **GitHubLink:-**<https://github.com/agusain2001/EmailApi/tree/main/EmailApi>

ProctorPro: Your Secure Exam Gateway

- **Overview:-** ProctorPro is a robust, user-friendly platform for online exams. Built with Java, Spring Boot, Hibernate, MariaDB, and Angular, it offers secure test creation, delivery, and management. Schedule exams, track progress, prevent cheating, analyze results, and gain valuable insights - all in one place.
- **Technologies:-** Html/CSS, Java, Spring Boot, Hibernate, MariaDB, and Angular, Spring security.
- **Outcomes:-** Securely conduct online exams of all types. Streamline exam creation, delivery, and management. Track performance in real-time. Generate detailed reports and analyze results

Microservice Architecture Project: Hotel Services with User Management

- **Overview:-** This project implements a microservice architecture for hotel services and user management. Each service(ApiGateway,ConfigServer, HotelService, RatingService, ServiceRegistry, UserService) operates independently and communicates via APIs.
- **Technologies:-** Java, Spring Boot, Spring Cloud, Micro Service.
- **Outcomes:-** Increased scalability and resilience. Improved maintainability and deployability. Enhanced development agility and team collaboration.

Education

Uttaranchal University

2018-21

- Bachelor of Computer Application, Web Design & Development
- CGPA: 8.5

G. B. Pant University of Agriculture and Technology

2021-24

- Master of Computer Applications, Machine Learning and Generative AI
- CGPA: 7.2

Skills

- **Programming Languages:** Python, Java, C++, JavaScript, GoLang.
- **Frameworks & Tools:** Spring Boot, ORM Model, LangChain, Angular, Streamlit, Flask, JPA, Hibernate, FastAPI, Servlet & JSP, Spring Cloud.
- **Generative AI Technologies:** Open-source and paid LLM models (Llama2, OpenAI, Google Gemini Pro).
- **Database Management:** Experience with DataStax Cassandra DB in production environments, Mysql, MongoDB, PostgreSQL.
- **Deployment Platforms:** AWS, Hugging Face Spaces, GitHub.
- **DevOps Tools:** Git/GitHub, Docker, DVC, CI/CD, Gradle/Maven.
- **Analytical tools:** Power BI, Tableau, Excel, Google Analytics.
- **Soft Skills:** Analytical thinking, problem-solving, teamwork, effective communication, Decision Making.

Achievements

- **Building Scalable Systems:** Led the optimization of core APIs, reducing response times by 30%, improving user experience and satisfaction.
- **Technical Leadership:** Championed best practices and agile methodologies, driving continuous improvement and team effectiveness.
- **Driving Innovation:** Pioneered the use of serverless functions for dynamic scaling, enhancing operational efficiency and cost savings.

Certifications

- Prompt Engineering for ChatGPT(Coursera).
- Master Spring Boot 3 & Spring Framework 6 with Java(Udemy).
- Master Microservices with Spring Boot and Spring cloud(Udemy).
- Master Spring 6, Spring Boot 3, REST, JPA, Hibernate(Udemy).