# ASHISH SINGH

✉ as4797singh@gmail.com 📞 9876406720 📍 Chandigarh, India

in https://www.linkedin.com/in/ashish-singh-1771091a5/ ⊙ github.com/Ashish73653

## About me

A Computer Science Engineering student with **hands-on experience** in **software development** and **testing** through an internship at **Nokia**. Proficient in **Java**, **Linux**, **SQL**, and **web development**, with exposure to **Agile methodology** and **cross-functional collaboration**. Passionate about building scalable, high-quality solutions and continuously learning modern technologies. **Strong team player** with a focus on problem-solving, automation, and delivering impactful features.

## Education

**M.E,** *Chandigarh University*
2024 – present | Punjab
CGPA: **8.74**

**B.Tech,** *Chandigarh Engineering College*
2019 – 2023 | Mohali
CGPA: **8.06**

**10+2,** *Shishu Niketan Model School*
2017 – 2019 | chandigarh
Percentage: **77.6%**

**10th,** *Shishu Niketan Model School*
2016 – 2017 | Chandigarh
CGPA: **9.6**

## Projects

**Secure Medical Data Sharing,** *using hyperledger*
2025 – present
- Currently designing and developing a secure medical data sharing system using **Hyperledger Fabric** and **cloud infrastructure**, aiming to enhance data security.
- Conducting research to ensure compliance with **GDPR** and **HIPAA**, focusing on regulatory adherence and **patient data protection**.

**Task Scheduler – PHP Email Reminder System** ⊡
- Built a PHP task manager with file-based JSON storage, email reminders, and verification—no database or frameworks. Automated hourly email notifications via CRON, with unsubscribe support. Developed and tested locally using XAMPP and MailHog.

**Java Chat Application** ⊡
- **Java** , **Java Swing** , **Networking**
- Developed a simple, cross-platform client-server chat application using Java. The project consists of two main components: a server and a client, enabling real-time communication between users on different devices.

## Skills

- **Languages:** Java, JavaScript, MySQL
- **Web Technologies:** HTML, CSS, JS, ReactJs
- **Scripting:** Shell Scripting
- **Platforms/OS:** Linux (Ubuntu) , Windows
- **Cloud & DevOps Tools:** AWS (S3, IAM, EC2, VPC, CloudFormation), Docker
- **Developer Tools:** Git, Eclipse, Visual Studio Code, Postman, SOAP UI
- **Methodologies & Concepts:** Agile (Scrum), SDLC, Functional & Regression Testing

## Professional Experience

**Student Intern,** *Nokia* ⊡
09/2022 – 07/2023 | Bengaluru, India
**Student Intern – Nokia** *Home Device Management (HDM) Project | Sep 2022 – July 2023*
- Contributed to the **Motive HDM project**, focusing on TR-069 and SNMP-based scalable device management across networks using simulated environments.
- Performed **functional, regression, and black-box testing** of mock devices, enhancing overall product reliability and performance.
- Utilized **Linux, REST APIs, Git, and SOAP UI** for development and automated testing workflows.
- Collaborated with engineering and documentation teams to improve **product documentation** and streamline internal processes.
- Improved proficiency in **Agile methodology**, **bug tracking**, and cross-team collaboration to ensure timely issue resolution and process improvement.

## Achievements & Certifications

**LeetCode**
- *Solved 260+ LeetCode problems*
- Earned **100-day consistent badges** for **2022** and **2024**.

**Java Certification**
TCL-IT

**HackerRank**
- 3 star in **problem solving**
- 4 star in **Java**

**AWS Certified Cloud Practitioner**
Validates foundational knowledge of AWS Cloud, including core services, pricing models, security, and the Well-Architected Framework.