

JAGAN S

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SUMMARY

Strong in backend development with Java and Spring Boot, experienced in building secure and scalable applications through internships and projects. Solid in OOP and authentication protocols, with the ability to design efficient systems and quickly adapt to new technologies.

INTERNSHIP EXPERIENCE

AuthAction – Junior Backend Developer Intern

May 2025 – June 2025

- Developed secure and scalable RESTful APIs using NestJS.
- Contributed to backend logic and implemented authentication workflows.

PROJECTS

Currency Converter App (Java, Swing, Gson API)

- Developed a desktop application to convert currency using live exchange rates retrieved.

ATM Simulator (Java)

- Simulated ATM functionalities such as PIN verification, deposit, withdrawal, and balance inquiry.

JWT Auth API with JWKS Integration (Java, Spring Boot)

- Built a secure backend API with AuthAction authentication using JWTs via client credentials (M2M) flow.

Passkey Authentication API (TypeScript, NestJS, HTML, CSS)

- Designed an API to support passkey-based authentication for secure login workflows.
- Enabled seamless interaction between frontend and passkey backend for identity verification and session control.

EDUCATION

B.E. Computer Science and Engineering

Oct 2022 - Jul 2026

University College of Engineering, Tindivanam
CGPA: 7.7

ACHIEVEMENTS

- TechAid Competition Finalist, IIT Bombay (December 2023)**
 - Top-15 finalist – TechAid, IIT Bombay.
- Debate Winner, UCEV College**
 - Won the college-level debate competition for public speaking and critical thinking.
- Young Scientist Program Participant (May 2019)**
 - Selected participant – Young Student Scientist Programme (YSSP '19), TN State Council for Science & Tech.

TECHNICAL SKILLS

Programming Languages: Java, Python, C	Web Technologies: HTML, CSS, TypeScript	Databases: SQL, Postgresql
Frameworks: Spring Boot, NestJS	Tools: Git, VS Code, Postman, Docker, Oracle VirtualBox	

CERTIFICATIONS

- Java Fundamentals (Coddy Tech).
- Google Cloud Data Analytics – Beginner Level.
- SQL for Beginners (Coddy Tech).
- Salesforce CRM Development (Naan Mudhalvan).

ADDITIONAL INFORMATION

- **Languages:** English(Intermediate), Tamil(Native).
- **Volunteer Experience:** NSS, YRC, Placement.