Jay Samir Shah in.

Backend Engineer with knowledge about scaleable systems

EDUCATION

Year	Degree	University/Board	Institute	% / CGPA
Pursuing	BTech in Computer Science and Engineering	Ahmedabad University	School of Engineering and Applied Science	3.15/4.00 CGPA
2023	HSC (Science, Mathematics)	CBSE	TATACHEM DAV Public school	91.2 %
2020	SSC (Mathematics, Advance)	CBSE	TATACHEM DAV Public school	94 %

EXPERTISE/AREA OF INTEREST

- Backend Development, (Spring boot, node.js, flask, rust, C++), Software Development

WORK EXPERIENCE

Tata chemicals society for rural development , Mithapur	Jun '24

Student volunteer

- Planning timelines and surveying for "My greening hour", an initiative to plant more than 75,000 trees within an hour.

PROJECTS

Programming club @ Ahmedabad University : pclub-au.vercel.app	Jun'25 - Jul'25

Programming club's official website
Summary: Developed a backend that can handle 10+ concurrent users. Over 3k visits with 132k+ edge requests.
Skills Used: Next.js, Teamwork, Version control,
Team Size: 7
Key Outcomes: Applied Knowledge of backend design, Databases, Webhooks to receive data from external form providers, and various workarounds to major issues.

Personal Project	Jun'25

Paste Bin application
Summary: Paste bin application, with features such as, private/public paste, counter for number of times a paste has been accessed, short but unique paste id https://github.com/Jay-1409/codePaste
Skills Used: System Design, MongoDB, Java, Spring boot
Team Size: 1
Key Outcomes: engineered a Pastebin app using system design principles; devised URL shortener-style IDs, implemented caching, chose optimal DB, and ensured ACID compliance.

POSITIONS OF RESPONSIBILITY

Secretary at the Programming club. Plan and host events, paperwork for the same. Distribution of tasks amongst committee/ Teams.	Jun'25 - Pursuing

EXTRA CURRICULAR ACTIVITIES

Nasa space apps challenge 2024 5Th rank out of 171 Teams at a regional competition.	Oct'24

CO-CURRICULAR ACTIVITIES

Clash of Codes 3.0 Lead a team of 25 to victory in college competitive programming event.	Jan'25 - Feb'25

TECHNICAL SKILLS

Framework / Libraries: Spring Boot, Flask, React.js, Next.js

Online Professional Presence

Leetcode.com	leetcode.com/u/bluetwoblue/
codeforces.com	codeforces.com/profile/LightWave
codechef.com	www.codechef.com/users/iceball
Github.com	github.com/Jay-1409
linkedin.com	www.linkedin.com/in/jay-shah-8970b5284/

PERSONAL DETAILS

✉ jay.s7@ahduni.edu.in   📞 9723557662   🏠 Ahmedabad, Gujarat