

# SAYAN BHATTACHARYYA

## Full Stack Developer

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## SUMMARY

I am a full-stack developer and an avid open-source contributor pursuing B.Tech in Computer Science & Engineering from Amity University, Haryana. My current CGPA is 9.11 and I am graduating in June 2025. My stronghold is Python and JavaScript. I work with various technologies, including but not limited to Flask, Express, NodeJS, SQL, NoSQL, and Linux. I usually find myself using the MERN stack. I enjoy connecting the dots and coming up with innovative solutions to challenging problems. I am a team player and tend to thrive in high-pressure situations. I have taken on multiple leadership roles throughout my academic career, and I have contributed significantly to the responsibilities I have undertaken. On a personal note, I love reading, traveling, and exploring new cuisines.

## EDUCATION

<b>B.Tech, Computer Science &amp; Engineering</b> <b>Amity University</b> 📅 09/2021 - 06/2025 📍 Gurugram, HR, India	CGPA <b>9.11 / 10</b>
<b>12th Grade</b> <b>Don Bosco School</b> 📅 04/2019 - 03/2021 📍 New Delhi, DL, India	Marks <b>96.6 / 100</b>
<b>10th Grade</b> <b>Auxilium Convent School</b> 📅 04/2013 - 03/2019 📍 Siliguri, WB, India	Marks <b>98 / 100</b>

## EXPERIENCE

<b>Summer Research Intern</b> <b>National Institute of Technology, Delhi (NITD)</b> 📅 06/2024 - 07/2024 📍 New Delhi, DL, India <ul style="list-style-type: none"><li>Researched an IoT-based smart irrigation system - SprinkLink.</li><li>Delved deep into technology and costs related to developing a state-of-the-art product.</li></ul>
<b>Python Development Intern</b> <b>CodeClause</b> 📅 08/2023 - 09/2023 📍 Pune, MH, India (Remote) <ul style="list-style-type: none"><li>Served as a Python Development Intern at CodeClause.</li><li>Completed four projects: Basic Calculator, Random Password Generator, Typing Speed Test GUI App (Golden Project), Library Management System (Golden Project).</li></ul>

## LANGUAGES

<b>English</b> Proficient	●●●●●	<b>Hindi</b> Proficient	●●●●●
<b>Bengali</b> Native	●●●●●	<b>French</b> Intermediate	●●●●●

## PROJECTS

**Xolentum**  
A decentralized, peer-to-peer and open source digital currency, designed to be fast, secure and completely private.

- Launched the Xolentum cryptocurrency, with a C++ codebase.
- Created the website, block explorer, and web wallet using technologies like Flask and Express.js.

### FumeStop

An ecosystem of various utility bots - ranging from moderation to music, for Discord.

- Launched FumeStop, a collection of versatile Discord bots, completely written in Python.
- Worked on deployment of the entire stack on a Linux server.

### BlogChain

An application focused on leveraging blockchain technology for blogging.

- Developed BlogChain, a decentralized blogging platform using Flask.
- Implemented the Sign-In with Ethereum (SIWE) authentication protocol natively in Python.

## SKILLS

<b>Python</b>	<b>JavaScript</b>	<b>TypeScript</b>
<b>HTML/CSS</b>	<b>Flask</b>	<b>MERN Stack</b>
<b>MySQL</b>	<b>MongoDB</b>	<b>Git</b> <b>GitHub</b>
<b>Docker</b>	<b>CI/CD</b>	<b>Linux</b>

## CERTIFICATION

**Google Cybersecurity Specialization**  
Professional certificate in Cybersecurity offered by Google through Coursera | Cert ID: [VGJ37YR52SQH](#)

**edX Verified Certificate for CS50's Introduction to Programming with Python**  
Verified certificate for completion of CS50's Introduction to Programming with Python  
Cert ID: [ab65072be8d34a27acc02e2d6eca6b60](#)