

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

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

EXPERIENCE

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| Summer Research Intern National Institute of Technology, Delhi (NITD) 06/2024 - 07/2024 New Delhi, DL, India <ul style="list-style-type: none">Researched an IoT-based smart irrigation system - SprinkLink.Delved deep into technology and costs related to developing a state-of-the-art product. |
| Python Development Intern CodeClause 08/2023 - 09/2023 Pune, MH, India (Remote) <ul style="list-style-type: none">Served as a Python Development Intern at CodeClause.Assigned to two basic projects and two more complex golden projects. |

LANGUAGES

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| English Proficient | <div><div></div><div></div><div></div><div></div><div></div></div> | Hindi Proficient | <div><div></div><div></div><div></div><div></div><div></div></div> |
| Bengali Native | <div><div></div><div></div><div></div><div></div><div></div></div> | French Intermediate | <div><div></div><div></div><div></div><div></div><div></div></div> |

PROJECTS

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| Xolentum A decentralized, peer-to-peer and open source digital currency, designed to be fast, secure and completely private. <ul style="list-style-type: none">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. <ul style="list-style-type: none">Launched FumeStop, a collection of versatile Discord bots, completely written in Python.Worked on deployment of the entire stack on a Linux server. |

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| BlogChain An application focused on leveraging blockchain technology for blogging. <ul style="list-style-type: none">Developed BlogChain, a decentralized blogging platform using Flask.Implemented the Sign-In with Ethereum (SIWE) authentication protocol natively in Python. |
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SKILLS

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

CERTIFICATION

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| 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 |