

Sayak Sen

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A highly focused, proactive and inquisitive software developer with experience in Back-End development, Web development and Web Automation. Curious to learn new technologies with a growth mindset. Have a knack towards understanding the business side of a product. Loves to play chess and optimize programs. Always up to "Dive Deeper".

EDUCATION

SRM Institute of Science and Technology, Chennai
B.Tech, Computer Science and Engineering
CGPA: 7.0 (2016-2020)

Loyola High School, Patna
Senior Secondary (Class 10+2): 78% [CBSE]
Secondary Class (Class 10): 9.40 CGPA [CBSE]

SKILLS

Programming

• Python • PHP • MySQL
• HTML/CSS • C++ • Go

Familiar

• Flask • Jenkins
• Aws • Ansible
• Aerospike • Elasticsearch

Relevant Skills

• GIT • Data Structures
• Algorithms • UI/UX
• Public Speaking

ONLINE COURSES

- [Python Specialization](#)
(University of Michigan- Coursera)
- [Data Science using Python](#)
(University of Michigan- Coursera)
- [Front End Certification](#)
(FreeCodeCamp - Bootcamp)
- [Algorithm](#) (Stanford University – Coursera)

LINKS

- LinkedIn://[sayaksen](#)
- GitHub://[sayak9495](#)
- CodePen://[tech0](#)
- Stopstalk://[tech0](#)

EXPERIENCE

- **Software Engineer Intern at Exotel [Jan 2020 - Apr 2020]**
 - Enabled reduction of data-storage cost by \$1500/month by updating retrieval of getDetails API response from MySql to Elasticsearch.
 - Developed Post-Processing consistency checker, which helps in giving a final signoff of the data from the voice-team.
 - Developed CRUD APIs for 5+ resources and their PHP script for Jenkins automation.
 - Updated Ansible playbook to avoid 5xx while service-deployments
 - Developed bash script that limits Ansible fork to a max-threshold, avoiding any unnecessary instance creation in the ASG.
- **Web Automation Freelancer at UpWork [Oct 2018 - Aug 2019]**
 - Automated lead scraping using Python.
 - Scraped 2k+ Real estate sites for the client.
 - Automating the scraping and pre-processing process.
- **Software Developer Intern at Geazy Technologies [Dec 2018]**
 - Created a contextual AI Assistant using Rasa Core and NLU.
 - Integrated AI Assistant as a chatbot.
 - Created a UI for admins to check if response is correct and if not, then to retrain the model again based on new human responses.
- **Team Lead at SlugPlug [Aug 2018 - Aug 2019]**
 - Conducted 3+ technical events/workshops with 30+club members.
 - Educated nearly 500 students on various technology aspects.

PROJECTS

- **Instagram to Twitter Bot –The Bot** is responsible for scraping specific pages from Instagram and tweeting them. Developed using Python, Selenium, TwitterAPI and hosted on EC2. [Source Code](#).
- **PaperSort.com** – This is an effort towards a centralised platform where students from all over the country can find their college question paper and notes. HTML, CSS(bootstrap), JS and PHP were used to code the website. [[papersort.com](#)]