

SAGAR PATHARE

Software Engineer

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EXPERIENCE

ProDT Consulting Services Pvt. Ltd. Feb – May 2020
Software Engineer (Contract)

- Designed and developed a highly scalable and fault-tolerant 100% serverless application with Node.js backend on AWS for flight search and ticket booking
- Developed a web scraper to scrape flight data from meta-search engines

Delineate Innovations Pvt. Ltd. July 2018 – Present
Co-Founder & Software Engineer

- Working on scalable web applications as a full stack developer and UI/UX designer
- Built lightweight cross-platform apps for Web, Android, and iOS as well as engaging Progressive Web Apps (PWA)
- Managed a team of interns for a consultancy project
- Automated the manual data analysis and report generation

ALASKA March – July 2018
Research Intern

- Collaborated with a team of independent researchers and developed a web scraper to download Twitter data for understanding and estimating the human behavior patterns
- Worked on data modeling and classification for crowd steering using cellular data

HONORS

- Received research grant from the University for final year project 'Smart Dustbin'
- Received full scholarship for Codechef Certified Data Structures and Algorithms Programme (CCDSAP) foundation exam by securing the best rank in the institute

CO-CURRICULAR

- 3rd Place, Enigma Coding Contest at Techfest, IIT Bombay
- 1st Place, Idea Presentation for 'nome.ga URL Shortener'
- Conducted various seminars on topics such as 'Competitive Programming', 'Web Development', 'Machine Learning', etc.
- As a member of Computer Society of India (CSI), organized a coding contest 'Quantum Core'
- Art Designer of Departmental Magazine 'Nimbus'

EDUCATION

Thakur College of Engineering and Technology (University of Mumbai), India

Bachelor of Engineering (B.E.)
(Computer Engineering) (2015–2019) CGPA- 9.01/10

PROJECTS

Smart Dustbin

Dustbin for segregation of wet and dry waste based on the captured image using a deep learning model deployed on Raspberry Pi (Paper presented in IC-ISCN 2019)

nome.ga URL Shortener

URL Shortener which offers a unique combination of different customization features such as Custom Short URL, Expiry period, etc. So far shortened over 2.9k URLs which have been accessed over 135k times

Activities Management System

Portal to record the participation of students in college activities and to generate automated consolidated certificates with their ranks

SKILLS

Technologies – Node.js, JavaScript, Python, HTML, CSS, C/C++

Tools and Software – Git, Cordova, Jupyter Notebook, Spyder, Adobe Photoshop, Adobe XD

Knowledge – Data Structures & Algorithms, Serverless, AWS, UI/UX & Database Design, Web Scraping, Firebase, Data Analysis, Machine Learning