

Prateek Singhal

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EXPERIENCE

Software Engineer

June 2023 – Present

TripAdvisor

India

- Worked on creating anomaly detection jobs that will identify the discrepancy in the billing data of Hotels using the sponsored listings on Tripadvisor, thereby **saved \$200,000** in unidentified costs based on the Cost Per Click
- Working on Management Centre, **consumed by 1M+ Hotels** to create sponsored campaigns on Tripadvisor

Software Development Engineer - 1

Oct 2021 – June 2023

ShareChat

Bangalore, India

- Created the Component as a Service (CaaS) Application for the Infrastructure Platform tool (ATLAS), **impacts all 500+ developers in org, saves 900+ hours for support desk time**
- This application is built to utilize Google Cloud and also provision in-house infra-structure. Uses Micro service Architecture and **Manages 75% infrastructure of organization**
- Automated resource management by infra team and improved productivity by saving 20% manual work time
- Migrated the Application created to an open source platform, **BACKSTAGE**, by Spotify, to allow for the creation of independent plugin features for easy integration to CaaS

Associate Software Engineer

Jan 2021 – Oct 2021

ServiceNow

Hyderabad, India

- Automated the manual Employee Off board request creation process and saved 120+ hours of manual labour
- Extended the product functionality of Employee Ramp-Up to bring Contract Worker and Manager experience. This impacts all 30000+ employees in the organization
- Contributed to the employee Offboarding application revamp which affects every Servicenow employee leaving the organization and developed Enterprise Ramp-Up Application for New Hire
- Co-lead the development of Intern-Ramp Up as part of release 3 in June 2021, impact 500+ interns
- Customized feature for ServiceNow product offering. Impacts all 30000+ of ServiceNow New Hires.

ACHIEVEMENTS

- Have solved **2000+ coding problems** on various coding platforms to hone my problem solving & analytical skills
- Secured **All-India Rank 37** in Codechef May LunchTime (2020) among 8500+ participants
- Secured **Rank 831** in Google Kickstart Round D (2020) out of 11,000+ participants from across the globe

EDUCATION

BML Munjal University

Gurgaon, India

Bachelor of Technology in Computer Science, GPA: 8.27/10

Aug 2017 – May 2021

Relevant Courses: Data Structure and Algorithms, OOPs, OS, DBMS, Design Patterns, HLD, LLD

TECHNICAL SKILLS

Languages: C/C++, GoLang, Python, Java, MySQL, PostgreSQL, Typescript, Javascript

Developer Tools: Git, Github, Google Cloud, Kubernetes

PROJECTS

Cricket Commentary Classifier | [Github Link](#)

- A Machine Learning model based project for predicting action based on Cricket Commentary
- Predicts the action on the text cricket commentary to tell if the action on a bowl was a boundary(4 or 6 runs), dot ball or run b/w the wickets(1, 2 or 3 runs)
- Implemented multi-class classifier using Random Forest method of classification

College Rank Predictor | [Github Link](#)

- Developed this tool to find out the top university based on the performance of its students in Competitive Programming Competitions on the online judge Atcoder.com
- Implemented an Information Retrieval system using Python and libraries like Beautiful soup to scrap the website
- The retrieved information is then processed to create a rank-list based on the contest ratings of the users