

SHASHANK GARG



· Software Intern at Borneo, Singapore · Punjab Engineering College Chandigarh
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EDUCATION

B.TECH. COMPUTER SCIENCE

PUNJAB ENGINEERING COLLEGE (DEEMED TO BE UNIVERSITY), CHANDIGARH

08/2019 – Present | Graduating in May 2023

Cumulative GPA – 8.72

HIGH SCHOOL

GOVT. MODEL SENIOR SECONDARY SCHOOL, SECTOR 35 CHANDIGARH

2017 – 2019

CBSE Percentage – 91.8%

WORK EXPERIENCE

FULL STACK SOFTWARE ENGINEERING INTERN

BORNEO, SINGAPORE

07/2022 – 10/2022

- Borneo is a real-time data **security and privacy observability platform**
- Enabled **Usercentrics tool** to **track cookies** for **Borneo website** due to the **GDPR** rule
- Helping with **tracking consumption** of **AWS resources** to efficiently manage the cost
- Helped **fixing vulnerabilities** on **AWS ECR images**. Learnt about **AWS Inspector**

SOFTWARE ENGINEER INTERN (SEP)

JP MORGAN CHASE & CO, BANGALORE

01/2022 – 06/2022

- Part of the team managing a **date lake platform** which consolidates shared data into a single dataset internally used by JP Morgan Clients for corporate functions
- **Increased** test coverage of project from **47% to 56%**. Learnt **Junit** in the process
- **Deployed** the same project to **Cloud single handedly** with the help of another intern. Learnt about **Kubernetes**, **Jenkins**, **Logging(Splunk)**, **Distributed Cache** in the process
- Helped the team to **increase efficiency of internal GuavaCache** with new ideas

PROJECTS

MEN & MENSTRUATION FOR UNINHIBITED

- Built a **full website** to bring more men onto **Uninhibited's** (NGO) helpline
- Created a **SinglePage Flutter App** to match **low-bandwidth requirements**
- App has **multi-lingual support** for rural users

- Protected **User's anonymity** (by building Models only on PhoneNo.) without compromising on **Referral Rewards**
- Admin uploads an **excel file** (containing data of Panchayats/Persons) and **script sends them a message** to create awareness

BOOK MY MOVIE (ONLINE MOVIE BOOKING MANAGEMENT SYSTEM)

- Used **ML** to recommend movies by **preprocessing MoviePlot and Genre as vectors and generating cosine similarities** between them
- Aesthetic UI Design created using **HTML/CSS/JS/Angular**
- Refined Database Schema (**SQLite**)
- Backend built with **PHP**

BOOK MY TUTOR

- Full-fledged online platform to **find tutors best suited to your preference**
- **Dynamic filters** like **Proximity radius**, Home-tutors, Online coaching etc.
- Response and Interactive UI developed using **ReactJS**
- Backend built with **Django Rest Framework** and **SQL**

YTVIDEO->SUMMARY

- Built as a **Chrome Extension**
- Saves time by **providing short summary** of a Youtube Video
- Provides summary using **T5 Tokenizer NLP Module from Pytorch**
- Chrome Extension calls **REST API** for summary

TECHNICAL SKILLS

- **C++/Python/Java/Dart**
- **Kubernetes/Docker**
- **Flutter** Mobile App Development/**ML**
- **Data Structures** and **Algorithm**
- **Springboot/Django/REST**

BEHAVIORAL SKILLS

- Experienced **Self Learner**
- Proven **Leadership Skills**
- Team Player
- Public Speaking
- Communication skills

ACHIEVEMENTS/CERTIFICATIONS

- One in **600** among **8000 participants** for **CodeForGood '21** by **JP Morgan**
- Scored 90/90 in **CodeJam '21** Qualification round by **Google**

EXTRA-CURRICULAR ACTIVITIES

EXECUTIVE BODY MEMBER OF PEC-ACM STUDENT CHAPTER

- Actively participated in various meetings and webinars

PUNJAB EDITORIAL BOARD

- Member of **Bhangra** Team