

TUSHAR CHOPRA

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EDUCATION

University of Waterloo, CA Jan'21
Master of Applied Science | Systems Design Engineering 86/100 (GPA: 3.90)

Guru Gobind Singh Indraprastha University, IN Aug'15
Bachelor of Technology | Computer Science & Engineering 74.6/100 (GPA: 3.70)

EXPERIENCE

Graduate Researcher | Ebionics Lab Waterloo, CA | Jan'19-Jan'21

- Graduate research resulted in a start-up, which successfully raised seed (**\$0.5M**) round funding in August 2020.
- Led R&D of patented product *Impulse* that uses Machine Learning & EMG to reduce gamer's reaction delay up-to 80ms.
- Collaborated with management, engineering and other stakeholders to develop initial prototypes & MVP, later launched product to the end-users.

Product Manager (Founder) | GrapesTree Delhi, IN | Aug'17-Oct'18

- Successfully launched and marketed the product *Shorthand Practice* over Google Play Store with over **400K** users.
- Hired team of interns and supervised product UI/UX design, development & deployment, resulted **22%** app retention rate.
- Built successful business relationships with local Shorthand Coaches & planned roadmap for one-on-one student assistance.

Senior Software Engineer | Curefy Delhi, IN | Jan'17-May'17

- Proposed and led development of B2B software to manage patient-doctor interactions, conflicts, billing and tax calculations, resulting **30%** consultation capacity improvement. Over **1M** consultations have been completed.
- Managed communication among doctors, dev team, e-pharmacies and consumers along with other cross-functional conflicts.

Android Lead | SnipClip Delhi, IN | Sep'16-Jan'17

- Led the development team of 4 and introduced new features & analytics in *SnipClip*, resulting in **40%** more user-engagement.
- Launched product *Sourc* and collaborated with cross-functional teams to assess, roadmap and implement the product.

Software Engineer | Curefy Delhi, IN | Feb'16-Aug'16

- Leveraged Agile-Scrum based development and integrated five new features for both Curefy's Patient & Doctor android apps.
- Analysed & improved organic acquisition by **4x** by improving SEO-ASO target keywords, shipped the SAAS product *Vcliniq*.

ACHIEVEMENTS

- Won 3 Minute Thesis (3MT) contest at University of Waterloo, secured 3rd position (Out of 15 participants).
- Won more than 38 robotics contests (Received University Sponsorships) & 5 tech-coding contests at multiple prestigious institutions like IITs, NITs, IIITs etc pan-India. (Out of 40-200 participants per contest).
- Head of Robotics and Android App student division at GGSIPU-GTBIT and successfully conducted multiple knowledge transfer workshops.

AWARDS & SCHOLARSHIPS

Engineering Graduate Scholarship | Graduate Research Studentship | International Master's Student Award | Research Assistantship | Teaching Assistantship | Computer Master of Class Award

SKILLS

Python | C/C++ | Machine Learning | Deep Learning | NLP | Tensorflow/Keras | SQL | Agile | Cloud Computing | MS Office | JIRA | Git | LaTeX | Prioritization | Problem Solving | Team Communication | Client Relationships

SELECTED PROJECTS

 Shorthand Practice | Sourc | Snipclip | Curefy | Curefy Doctor | Buckler Android.  Brinkbionics | Curefy (Vclinq).