

Harjinder Singh

Github: [jinderbrar](#)

Linkedin : [/in/jinderbrar](#)
Email : hjbrar7@gmail.com

Education

Jalandhar, Punjab

Lovely Professional University

August 2017-June 2021

- Major: Computer Science (CGPA : 8.21 / 10)
- Minor: Machine Learning
- Programming Coursework: Algorithms & Data Structure, Databases, Operating Systems, ML.

Employment

Software Developer

Haptik

June 2022 - Present

Haptik (www.haptik.ai) : Enterprise conversational AI platform

- Implemented Named Entity Detection for Chinese Phone Numbers, utilizing knowledge of Chinese linguistics for accuracy.
- Accelerated bot transfer time by **50%** through optimized processes, streamlining deployment..
- Reduced data processing time by **10x** by improving the clustering algorithms
- Enhanced traceability and debugging capability by Incorporated comprehensive logging support for the Named Entity open source repository.

Software Engineer

Optmyzr

June 2021 - June 2022

Software Engineer Intern

May 2020 - May 2021

Optmyzr (www.optmyzr.com) : PPC Management Software

- Engineered a new Backend System from the ground up for a pre-existing tool/product, optimizing algorithms for improved performance.
- Developed Integratable feature which exports CSV and Excel data to **Google Sheets**.
- Reduced dashboard loading time by **60%** by redesigning it with optimized Frontend using ReactJS and removing complex computations to asynchronous worker jobs.
- Built a Chrome browser extension for the Internal team for the Google Adwords platform.

Software Projects

Chat Bubbles: [Link](#)

- A real-time chat web app developed with Elixir and Phoenix for seamless communication and engaging conversations. Lightning-fast message delivery enables users to join chat rooms, engage in real-time conversations.

URL Shortener: [Link](#)

- A custom URL shortening service, utilizing Python Django and SQLite. Made long URLs manageable by converting them into short, custom ones.

OS Mini Simulation: [Link](#)

- The development of an online simulation program transformed the Os experience. Mini programs such as Terminal and Stopwatch, driven by React and Redux, brought the spirit of Os to life

Skills & Tools

- *Programming* : Proficient in Python, JavaScript, C++, and Java. Familiar with Elixir
- *Web Development* : HTML5, CSS3, JavaScript, React.js, Node.js, Django, Phoenix, Docker
- *Database & Message* : SQL, PostgreSQL, MongoDB, Redis, Celery, Resque
- *Others* : Git, Github, Bash Scripting, API Documentation, Clean Code

Certification & Achievements

- Oracle Certified Associate, Java SE 8 Programmer [Link](#)
- IBM Data Science Specialization [Link](#)