

PRANISH BHAGAT

1825 South 3rd Street, Waco, Texas 76706

☎ 650-695-2538

✉ bhagatpranish@gmail.com

🌐 [linkedin.com/in/pranish](https://www.linkedin.com/in/pranish)

🐙 github.com/pranish

Education

Baylor University

MS in Computer Science

Jan. 2021 – Present

Waco, Texas

Relevant Coursework

- Operating Systems
- Quantum Computing
- Design Automation
- Cloud Computing
- Advanced Algorithms
- Advanced Databases
- Theory of Computation
- HCI

Experience

ICPC-International Collegiate Programming Contest

Jan 2021 – Present

Lead Software Developer

Waco, Texas

- As part of my Master's program, I am employed by the Department of Computer Science at Baylor to **create and maintain software for ICPC**
- Successfully completed the **44th ICPC World Finals**. Currently working on improving the site for the upcoming **World Finals**
- Maintain and add new features to enterprise **Java** and **React** software controlling **ICPC contest registration**
- Implement authorization strategies using **aspect-oriented programming** and **Spring** to secure REST endpoints
- Field requests from outside users and ICPC headquarters staff and delegating them among other programmers and myself
- Implement **best practices** and ensure they are followed, including code standards, extensive documentation, and code review

Seva Development

Jan 2020 – Dec 2020

Lead Software Developer

Kathmandu, Nepal

- Led a team of developers responsible for the development and maintenance of the Loxodo - an e-commerce platform, which resulted in the growth of the product by increasing the sale to about a 100%.

Aryan School of Engineering

Jan 2020 – Dec 2020

Lecturer

Kathmandu, Nepal

- Supervised undergraduate school students in a classroom setting and managed programs and projects as part of an academic requirement
- Assess and look after **50** students' progress throughout the term by working closely with other staff with efficient planning and coordination

COTIVITI

Dec 2016 – Dec 2019

Software Developer

Kathmandu, Nepal

- Prepared QC scripts to **automate** different tasks minimizing the time to complete the tasks by a margin of 50%.
- Developed test cases, test scripts, test metrics and documentation including data research
- Conducted Data **Analysis and Coding/Development** for some of the major accounts in **Cotiviti**

Projects

ParkMandu | Python, Image Processing

October 2016

- Developed a prototype of a parking management system to minimize parking congestion. Implemented **Python** along with **Image Processing** to distinguish between parked cars and open parking spaces.

Technical Skills

Languages: Python, Java, C/C++, JavaScript, SQL

Technologies/Frameworks: AWS, SpringBoot, React, Postgres, MATLAB, L^AT_EX, MapReduce, Spark

Additional Details

2021 Orlando Madrigal Scholarship Recipient

Aug.2021

ICPC

- Award given annually to recognize critical contributions by Baylor students to the ICPC.

Spotify/YouTube

Fall 2020 – Present

Musician

Independent Artist

Facebook Spark AR developer

Fall 2020 – Present

Developer

Independent Developer