

SHAURAL PATEL

344 Northwestern Ave #6
West Lafayette, IN 47906

+1 765-684-2398

patel675@purdue.edu

linkedin.com/in/shaural



EDUCATION

PURDUE UNIVERSITY

WEST LAFAYETTE, IN

B.S. in Computer Science with Honors

Minor in Mathematics

Graduating Dec 2019

GPA: 3.64/4.00

TECHNICAL SKILLS

Languages:

Java, C/C++, C#, JavaScript, CSS,
HTML, ARM Assembly, SQL,
Python

Databases:

SQL Server 2012/2014, MySQL,
Firebase, Backendless

Frameworks:

Entity Framework, Bootstrap,
ASP.NET MVC5

Tools:

Git, TFS, Visual Studio, Android
Studio, MS Office, SharePoint,
Adobe Photoshop, CoralDraw

Languages

English	●●●●●
French	●●●●●
Spanish	●●●●○
Dutch	●●●●○
Hindi	●●●●○
Gujarati	●●●●○

Awards & Recognition

Deans List

(Fall '16, Spring '17 & Fall '17)

International Space Design Competition Finalist (NASA)

July 2016

Awarded 2nd place at the Kennedy
Space Center.

Elected Director of Automation for
my team. (Teams of 50 students)



Work History

Purdue Rally Line

January 2018 - Current (9hrs/week)

Student Fundraiser



INTERNSHIP HISTORY

Mindtree Limited, Bangalore, India

August 2017

ANDROID DEVELOPER

- Built a Lead Management application (android) specialized for my assigned division (IGX | Social Service)
- The IGX team now uses it as their official CRM.
- Technologies used: Java, Android Studios, Mindtree APIs, Firebase

Ernst & Young, Mumbai, India

July 2017

SOFTWARE ENGINEER

- Created a windows application to automate Ernst & Young's risk analysis algorithm
- Increased efficiency of my entire team by at least a factor of 5
- Technologies used: C#, ASP.NET, Visual Studio, SQL Server 2014

Sim Gems (HK) Limited, Kowloon, Hong Kong

December 2016

SOFTWARE ENGINEER

Idea:

- Bringing diamond traders together on one "Demand and Supply" platform

Description:

- Created DIAMX.net - Website to store demands for specific diamonds so members can send offers
- Technologies used: C#, SQL Server 2014, HTML, CSS, JavaScript, jQuery, ASP.NET MVC5, Angular, Bootstrap, Entity Framework

HotSoft BVBA, Antwerp, Belgium

July - August 2014

WEB DEVELOPER ASSISTANT

- Assisted in building DiamTrade.com
- Implemented the Feedback and Registration sections (used C# and SQL Server 2012)



PROJECTS

MyShell | Unix shell | CS 252 project

February 2018

- Solely wrote a Unix shell (similar to bash) using C/C++, Lex/Yacc

MyMalloc | Memory allocation library | CS 252 project

January 2018

- Solely wrote a memory allocation library (similar to the malloc library in C) using C/C++

DiamCalc | Android Application | Sim Gems (HK) Limited

December 2017

- Developed Android app to calculate and fetch the price of diamonds when criteria is inputted for Mr. Simit (Director of Sim Gems)
- Technologies used: Java, Android Studio, XML, RapNet API

MindRead | Android Application | Personal

August 2017

- Developed Android app to perform mind reading magic inspired by Cipher
- Technologies used: Java, Android Studio

SiteChat | Chrome Extension | BoilerMake Purdue (Hackathon)

January 2017

- In a team of two, we created a chrome extension which allows you to chat with everyone on the same website.
- Technologies used: HTML, CSS, JavaScript, Node.js, Angular.js

AquaFlora | Web Application | Hello World Purdue (Hackathon)

October 2016

- Developed a Web App which tells you if you should water your plants today
- Technologies used: html5up template, Python, Google Maps API, Microsoft Cognitive Services API, DarkSky API (weather API), Heroku

J.A.R.V.I.S. | Windows Application | Personal

July - August 2015

- Created a prototype of J.A.R.V.I.S., an A.I. inspired from Iron Man for my laptop
- Technologies used: C#, Visual Studio, Windows Speech API