

# Purav Parekh | Washington, DC

+1 (202) 386-2135 | purav98@gmail.com

## EXPERIENCE

**Adcuratio Media Inc**, Bangalore— Software Developer I

JAN 2021 - AUG 2021

Part of a team that was building a product for companies in the media & advertising industry (cable operators, networks, digital & advertising agencies), that streamlines their process of negotiating & creating advertisement campaigns in the US. The product built on React & MobX state management, had various modules & features. Also built & lead the development of couple of modules from scratch. Implemented key features like creative library, creative uploads & dayparts selection.

**Freelancer**— Full Stack Developer

JUNE 2020 - PRESENT

Building end-to-end websites for various companies belonging to different industries, having different target audiences & objectives.

**Mint Chalk Media** – New-age digital marketing start-up.

**Medovation Inc** – Two-decade old pharmaceutical company.

**Ark Interiors** – Interior Design & Architect firm.

**Saggezza India Pvt Ltd**, Bangalore— *Developer Intern*

JUNE 2019 - AUGUST 2019

Developed a data warehouse for a Fortune 500 company's logistics arm by integrating multiple data sources into one using SQL Server Integration Services & MS-SQL to generate reports using Tableau.

**Kutchi Yuva Forum (NGO)**, Bangalore— Lead Web

*Developer / Founding Member*

SEPT 2019 - PRESENT

Designed & developed a Django website enabling the NGO to increase their engagement rate by 30%. Also added an exclusive page for their Flagship Annual Badminton Event increasing participation by over 50%.

## PROJECTS

**Analysis of Parameters in a Journal Bearing — COMSOL & Data Science (Python)**

Designed & performed simulation of a journal bearing & obtained pressure values by varying different parameters in COMSOL. Built datasets, used Python & Jupyter Notebooks to obtain correlation heat maps, & established relationships between parameters.

**Human vs AI Game — Artificial Intelligence (Python)**

Replicated a Human vs AI game called Nine Men's Morris using Python. It contained multiple levels (Easy, Medium, Hard) which were decided by different heuristic functions.

**Prediction & Analysis of Bank Stocks — Data Science (Python)**

Analysed the bank stocks listed in the BSE30 & found out the effects of different banking reforms, bank mergers, demonetization on the stock prices of the listed banks in the last 10 years (2008-2018) using Python.

## LINKS

[Personal Website](#)

[LinkedIn](#)

[GitHub](#)

## EDUCATION

**George Washington University**, Washington, DC— *Masters, Computer Science*

AUGUST 2021 - PRESENT

**PES University**, Bangalore— *Bachelors- Mechanical Engineering (Majors), Computer Science (Minors)*

AUGUST 2016 - MAY 2020

**Courses:** Linear Algebra, Calculus, Discrete Mathematics, Data Structures, Algorithms, Database Systems, Operating Systems, Artificial Intelligence, Data Science

## SKILLS

**HTML, CSS, JavaScript, ReactJS, Figma, C, Python, Django, MySQL, Data Structures, Algorithms**

## COURSES

- React JS - A Complete Guide for Frontend Web Development (Udemy)
- Master the Coding Interview: Data Structures + Algorithms (Udemy)
- Complete-ReactJS-developer-Bootcamp (LearnCodeOnline)

## ACHIEVEMENTS

- **Recipient: SEAS Merit Award (25%/year Scholarship on Tuition Fee)**
- Participant: Annual Tech Event— Emerging Technologies – Saggezza India Pvt Ltd
- Founding Member- Kutchi Yuva Forum
- School Head Boy
- School Cricket Team Captain
- Head of Logistics: Aatmatrish 2019- Annual Techno-Cultural fest of PES University

## LANGUAGES

English, Gujarati, Hindi, Kannada