

Purav Parekh

purav98@gmail.com | 202-386-2135

<https://www.linkedin.com/in/purav-parekh/> | <https://purav-parekh.netlify.app/> | <https://github.com/purav-parekh>

EDUCATION

The George Washington University, Washington, DC

AUGUST 2021 - MAY 2023

Masters Of Science, Computer Science

GW SEAS Merit Award Recipient (25%/year Scholarship on Tuition Fee)

SEAS Graduate Ambassador 2022-23

PES University, Bangalore, India

AUGUST 2016 - JULY 2020

Bachelors in Mechanical Engineering, Minors in Computer Science

TECHNICAL SKILLS

- **Languages & Tools:** C, Python, Git, GitHub, Docker, Postman, AWS
- **Web Technologies:** HTML/HTML5, CSS/CSS3, JavaScript (ES6+), REST APIs, Node.js
- **Frameworks:** React, React v16+, Django, Flask, Drupal, Fastify, Mocha
- **Databases:** SQL, MySQL, PostgreSQL, Relational Databases

RELEVANT EXPERIENCE

Normalyze Inc, California — Software Engineering Intern

MAY 2022 - AUGUST 2022

- Restructured **UI** fragments into reusable UI components for the **React**-based data & cloud security application.
- Engineered, built & validated multiple **APIs** using the **Fastify** framework.
- Brainstormed with multiple teams & built an admin tool for internal backend operations using **Retool** & **JavaScript**, improving the productivity of customer success & support teams by over 70%.
- Scrutinized the efficacy of code by writing unit tests using **Mocha.js** & **Chai.js** with 95% test coverage.

George Washington University— Software Engineering Assistant

SEPTEMBER 2021 - MAY 2022

- Analyzed requirements, designed, & created **responsive** web pages for Transportation Department using **Drupal** & front-end technologies like HTML5, CSS, and JavaScript.
- Evaluated current UI and identified areas for improvement & optimization, increasing website performance by 13%.
- Assisted in the selection of new tech & modernized old operational processes, lowering turnaround time by 20%.

Adcuratio Media Inc, India — Software Engineer I

JANUARY 2021 - AUGUST 2021

- Designed reusable UI components for a **React** web application that streamlines advertisement campaigns & contract negotiations for cable networks & advertising agencies, reducing manual work by over 50%.
- Spearheaded the development & implementation of various complex modules.
- Integrated **Django REST APIs** with **Mob-X** state management & **React** front-end.
- Collaborated with internal teams to convert **end-user feedback** into meaningful & **improved UI components**.

Medovation Inc, India — Freelance Full Stack Engineer

NOVEMBER 2020 - AUGUST 2021

- Deployed a full-stack **Django** application displaying the company's products & services that could be ordered, filtered & sorted based on parameters.
- Boosted traffic from newer clients/consumers by over 30%.

Mint Chalk Media, India — Freelance Full Stack Engineer

JUNE 2020 - MARCH 2021

- Collaborated with the founder & lead designer to understand the company's objectives & requirements.
- Built a full-stack scalable web application using **JavaScript** & **Django** as per requirements.
- Resulted in enhanced brand visibility of 20%, customer engagement of 7%, & revenue increase of 10%.

TECHNICAL PROJECTS

Code2Learn Web Application — JavaScript & Django (Python)

- Designed & built a web application in **Django** for the non-tech community to learn various programming languages & tools through project-based tutorials shared by the community.
- Community members can share, rate & favorite tutorials, discuss, solve challenges & post questions on the website, fostering a collaborative community of non-tech people to engage & learn with the tech community.

Kutchi Yuva Forum Web Application — JavaScript & Django (Python)

- Designed & developed a full-stack **Django** application increasing the NGO's engagement rate by 30%.
- Added an exclusive page for the Annual Badminton Event increasing participation by 50% & funding by over 7%.

A Computer Vision Solution to Smart Recycling — Computer Vision (Python)

- Devised a **classification model** that intelligently predicts & classifies objects as recyclable or non-recyclable using **ML** techniques like the **CNN algorithm**, achieving an accuracy of 72%.
- Implemented a user-friendly application using Flask, NumPy, Pandas, PyTorch, OpenCV & Google Colab.

LEADERSHIP EXPERIENCES

Co-Founder - Kutchi Yuva Forum (NGO)

School Captain & School Cricket Team Captain