

PARKHI MALHOTRA

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Portfolio: <https://malhotraparkhi.github.io/portfolio/>

ACADEMIC QUALIFICATION

Bachelor of Technology in Computer Science Engineering, Maharaja Agrasen Institute of Technology (MAIT), Delhi, affiliated to Guru Gobind Singh Indraprastha University (GGSIPU), Delhi; CGPA: 9.1/10; date of completion: July'23

Pursuing Master of Science in Human Systems Engineering (User Experience Research), at Arizona State University, Tempe, Arizona

WORK EXPERIENCE

Fellow Maker Expert, NASSCOM Foundation, Noida, Uttar Pradesh

Jun'22 – Jul'23

- Designing the program and managing it at a high level to maximize the number of startups as an outcome
- Designing content for student outreach and innovation training and entrepreneurship
- Mentoring and managing the cohort team's progress through weekly calls
- Working under Innovation Spaces on the technology front
- Maintaining constant contact with the Makerspace manager
- Researching to identify new and emerging technology areas for the maker space
- Working with the team to support and further the goals of the department
- Organizing and hosting events, online and offline

INTERNSHIPS

UI/UX Design Intern, TBH Circle

Jan'22 – May'22

For this youth skill development an online platform

- Worked on cross-platform applications to develop user experiences on various devices
- Converted ideas into user flows, wireframes, mock-ups, and prototypes for a user-friendly and intuitive interface
- Introduced features to make the website more responsive
- Custom-built designs coordinating with client needs and company requirements
- Conducted user testing and collected feedback

UX Designer, SanRidge, Excelli

Nov'20 – Jul'21

Working for this India's first social commerce integrated online platform powered by the super app built by India-based software developers Excelli

- Understood product specifications, user psychology, and process gaps to fulfil client objectives
- Deployed inclusive and iterative design methods to create the user interface
- Delivered wireframes, final designs, and prototypes
- Coordinated with the team regularly for design critique
- Collaborated with team to come up with visuals to complement the experience design

ACADEMIC PROJECTS

Title: Alzheimer detection using hybrid deep learning

Duration: March '23 - July '23

Team Size: 3

Brief Description: This major project aims to develop an automated system using Deep Learning with CNN and PSO to detect Alzheimer's disease early and accurately. By addressing challenges like data preprocessing, feature extraction, model development, optimisation, and evaluation, the project aims to provide a reliable tool for timely intervention and personalized treatment strategies.

Title: Fixed cost Virtual Private Server featuring KVM Virtualization

Duration: Sep'22 – February '23

Team size: 2

Brief Description: The project aimed to provide a fixed-cost, multiple-transfer solution alternative to the pay-as-you-go models, which end up charging the user much more than stated.

Individual Role: Gain an in-depth understanding of the problem, along with portal design and development, and building a minor project report

- The manuscript has been published in the International Research Journal of Engineering and Technology (IRJET) Volume 10, Issue 7, July 2023 <https://www.irjet.net/volume10-issue7> S.No:130

Title: Food Truck Application

Duration: May'22 - Present

Team size: 1

Brief Description: Targeting mobile app design for a food truck business, the project included designing a menu with payment options

Title: TBH Circle

Duration: Jan '22 - May'22

Team size: 3

Brief Description: Designed a website in keeping with targeted end-user needs and stakeholder goals

Title: Co-Win Mobile Application Concept

Duration: Aug '20 - Sept '21

Team size: 1

Brief Description: The project aimed at creating a mobile application concept for the Co-Win digital portal, which helps people fight COVID-19 by enabling them to search and book slots for COVID-19 vaccination

Title: SANRIDGE - Excelli

Duration: November '20 - July '21

Team size: 2

Brief Description: Designed the web portal for sellers using inclusive and iterative design methods starting from wireframes going towards the final prototype

PUBLICATIONS

The manuscript for 'Fixed cost Virtual Private Server featuring KVM Virtualization' has been published in the International Research Journal of Engineering and Technology (IRJET) Volume 10, Issue 7, July'23 <https://www.irjet.net/volume10-issue7> S.No:130: [Fixed-cost Virtual Private Server using KVM Virtualization](#)

CERTIFICATIONS

- Completed a year-long Google *UX Design Professional Certificate* from Coursera. Jun'21 – Jun'22
- Undertook a nine-month *Interaction Design Specialization* from Coursera. Mar-Nov'21
- Completed the course *Sketching Course for UX Designers* from Udemy Oct 03,'20
- Attended a one-day *UX Writing for Beginners* course given by Google Developers Groups, Nagpur Sept'19,'20
- Participated in *Building Trust through Design* design meet organized by Nagarro on Sep 19'20
- Completed the course *Digital Skills: User Experience* from FutureLearn at Accenture on Jun 19, '20

TECHNICAL SKILLS

Languages: C++

Web Technologies: HTML, CSS

Database: SQL (basic), DBMS (basic)

Graphic Software: Adobe XD, Figma, Adobe Photoshop

Tools for Website Designing: Wireframing, Prototyping, Visual Communication

WORKSHOPS/PRESENTATIONS/SEMINARS AND CONFERENCES

- Attended a workshop titled *Build your first website, all on your own* by Scaler Edge, Aug'20
- Participated in a one-day webinar on the *Art of Writing Research Paper* by IEEE IAS and Sensors Council JT at MAIT, New Delhi, Aug 30,'20
- Participated in a Tableau workshop conducted by the AIONIOS Lab, on Jul 5,'20

AWARDS AND ACHIEVEMENTS

Awarded for contributing to the book "The Great Indian Anthology Vol - 1" Co-Written by Tuheena Raj, published by Half Baked Beans Publishing in July 2020.

EXTRACURRICULAR ACTIVITIES

- Managed and organised events for poetry/creative writing, public speaking, and quizzing as President of *The Literary Umbrella*, the official literary society of MAIT, GGSIPU. (Jun'22 - Jul'23) Been a member since Aug'19
- Participated in *Oasis*, the annual cultural festival of the Birla Institute of Technology and Science (BITS), Pilani, at Pilani in Rajasthan in '22
- Volunteered and anchored at *Impulse'22*, a cultural event of the International Organization of Software Developers (IOSD) at MAIT
- Participated in *Mridang*, the official cultural fest of MAIT, GGSIPU in August 2020
- Participated in cultural events at *Phronesis* official fest of Literary Umbrella, the literary society of MAIT, GGSIPU
- Participated in and won various creative writing and poetry events across the circuit
 - o Quote the Quoth (Apr'22) by Spilled Ink - the creative writing society of Dayal Singh College, DU
 - o Secured 3rd place at the Ink-Stinct creative writing competition by Meraki Society of SGGSCC
- Volunteered at Sports Meet organized at MAIT in February 2020
- Secured 3rd rank in *Suraina - Treasure Hunt* conducted by NSS (National Service Scheme), GGSIPU on Oct 02, '20
- Student Partner at Voltfraction, home to high school, college and youth eSports, Jul-Sep'20
- Won Grade A for the quiz conducted. by the AIONIOS LAB. July 5, '20

COMMUNITY SERVICE

- Worked as a Volunteer at *Nanhe Pakshi*, (from September 2019 to September 2020) a youth organization, which aims at providing access to education and fundamental human rights for children/youth of underprivileged sections of society
- Taught basic English, Hindi and Maths to 8-10 underprivileged children, both boys and girls, in Azadpur, New Delhi, in the age groups of 5-10
- As a fundraising intern, helped to raise funds for Muskurahat Foundation, a youth NGO based in Mumbai, Maharashtra, working for the education and protection of rights of underprivileged children and young people