

## EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

Aug 2019 – Dec 2021

Bachelor of Science, Computer Science, **CGPA: 3.98/4.00**

- Relevant Coursework: Modern Web Programming, Algorithms and Analysis, Intro to Machine Learning, Intro to Entrepreneurship, Computer Organization, Linear Algebra, Probability. Transferred: Operating Systems, Databases, Networks.

## EXPERIENCE

ID Tech Camps – Philadelphia, PA

Virtual Tech Camp Instructor

June 2020 – Aug 2020

- Understood, debugged and wrote production-quality Java code to modify Minecraft to teach game modding to students.

Global BizConnect – Vadodara, GJ, India

Full-stack PHP Web Developer Intern

May 2019 – July 2019

- Used the WAMP stack, HTML5, CSS3, JavaScript, jQuery AJAX, and Bootstrap to design and implement:
  - An e-learning platform featuring a PayTM payment gateway integration and Google OAuth 2.0 integration.
  - A job portal website featuring a 5-stage hiring workflow.

## LEADERSHIP AND COMMUNITY INVOLVEMENT

Google Developers Group – Chapel Hill, NC

Dec 2019 – Present

Chapter Co-founder & Co-organizer

- Leading a team of 70 to build 3 cutting-edge tech projects ([aanpatel.tech/community](https://aanpatel.tech/community)).
- Hosted and lectured at the virtual event - Firebase Study Jam by GDG Chapel Hill in June 2020.
- Attended GDG North America Leads Summit at Google's San Diego Campus in February 2020.
- Created and managed the chapter's social media accounts starting January 2020.

International Society of Automation - VIT University - Vellore, TN, India

Dec 2017 – May 2019

Core Committee and later Project Team Member

- Prepared and delivered a hands-on JavaScript crash-course at ISA-VIT's Web Development Workshop.
- Helped design the chapter's blog homepage with CSS and HTML wizardry.
- Event Coordinator for annual events – SPARK '18 and SPARK '19. Assisted attendees at IoT/AI/ML workshops.

## PROJECTS

MediScan (HackDuke Project - [Devpost link](#))

Nov 2019

Android app in Java that automates scanning of medical forms & records. Uses Google Cloud Vision character recognition.

Newstopia (HackNC Project - [Devpost link](#))

Oct 2019

A social media app for news (previously TrustMe App) – I came up with the app idea, designed the Cloud Firestore database, used NodeJS to index the database onto Algolia (advanced search provider API) and helped my teammate code the iOS app in Swift.

Chapel Hill Crime Insights (Carolina Data Challenge Project - [Dashboard Link](#))

Oct 2019

A dashboard that provides insights into Chapel Hill's crime data, via visualizations made using Tableau.

PiVision (National Make-a-thon Project at the School of Electronics, VIT University)

Apr 2019

An AI surveillance project. Winner – Top 10 Projects at SELECT Make-a-thon, a 36-hour national level hackathon. Received Rupees 100k grant offer from VIT Technology Business Incubator for the same.

SkillMatch ([Android app's github](#), [website's github](#))

Nov 2018

A WAMP stack web app with front-end designed using pure CSS and an Android app coded in Java that allows students to showcase their skills, interests, share experiences, find talent, interact (via an AJAX chat module), and collaborate.

## TECHNICAL SKILLS

- Programming languages and tools: Java, JavaScript, Python, C, C++, MATLAB, R, Tableau, Arduino, MIPS & x86 Assembly
- App and Web Development: JavaScript, Android App Development (Java), PHP, MySQL (LAMP Stack), HTML, CSS, jQuery, AJAX, Bootstrap, Cloud Firestore, Firebase Authentication



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