

# Dev Kalavadiya

✉ dk3936@nyu.edu ☎ +971 543082874 📍 Abu Dhabi, UAE in Dev Kalavadiya 📁 Portfolio

## EDUCATION

<b>New York University Abu Dhabi,</b> <i>B.S. in Computer Science and Interactive Media, Minor in Applied Mathematics, GPA:3.96/4.0</i>	08/2020 – 05/2024 Abu Dhabi, UAE
<b>Swami Vivekananda High School</b> Fiji Year 12 Certificate Examination ranked 1st in class of 280.	01/2014 – 12/2019 Nadi, Fiji

## PROFESSIONAL EXPERIENCE

<b>Web Development and Photogrammetry Intern, DHAKIRA Center for Heritage Studies</b> • Developed a database website <a href="#">🔗</a> for ancient shipping records along with a comprehensive search engine using React.js and Node.js • Created data collections in MongoDB and linked it to the Express backend. • Automated data filtering and cleaning and seeded the entries using Mongoose.js • Performed photogrammetry of primitive sailing boats along with generating 3D scans of each component allowing the boat construction to be documented.	10/2021 – present Abu, Dhabi
<b>VR Logistics Intern, Mental VR</b> • Successfully managed and directed the VR headset training for participants in virtual events at Expo 2020. • Responsible for the content sharing of the White Cell media. • Delivered project demonstrations and showed custom-made Virtual environment to high-ranking government officers of the Gulf.	11/2021 – 05/2022 Abu Dhabi, UAE
<b>Web Designer &amp; Developer, New York University Abu Dhabi</b> • Built a fully-fledged travel blog website <a href="#">🔗</a> for a professor using custom CSS and HTML where needed and transferring content to new site on WordPress. • Documented the usage and management of the website for the Professor. • Designed the layout of the website along with the logo and edited pictures in Photoshop.	06/2021 – 07/2021 Abu Dhabi, UAE

## PROJECTS

<b>CLI Shell, C/Linux/Scheduling Algorithms/Socket Programming/Remote Multitasking</b> <a href="#">🔗</a> • Implemented a Linux shell with multi-threading and scheduling capabilities. • Integrated a remote access capability that allows several users to use the shell at the same time.	01/2022 – 05/2022
<b>Arcade.ai, ML5, Teachable Machine, AI, P5.js, Posenet, Python</b> <a href="#">🔗</a> • Trained and built different machine learning algorithms to develop an arcade of games with gesture and voice controls in real time. • Used ML5 image classification and Google's Teachable Machine to gather input and train models for classifying inputs and integrating them into the game using P5.js code	11/2021 – 12/2021

## AWARDS

<b>Google Hash Code, Google</b> <a href="#">🔗</a> • Solved a traffic system management challenge involving real time and hypothetical road networks • Competed and secured first leaderboard position in the regional Hub	21/04/2021
<b>1st Position- NYU CSAW'21 Hack3D Fall Challenge, NYU Tandon School of Engineering</b> <a href="#">🔗</a> • Investigated CAD models for cyber security flaws in the additive manufacturing process • Presented findings in a report and to judges and researchers in the final of the competition	14/11/2021

## TECHNICAL SKILLS

<b>Languages</b> Python, C++, C, HTML/CSS, JavaScript	<b>Tools/Frameworks</b> React, Postman, GitHub, Node.js, MongoDB, Git, VS Code, Express, Mongoose.js
--	---