

# Riya Dadlani

+91 7999065488

riyadadlani2022@vitbhopal.ac.in

<https://www.linkedin.com/in/riya-dadlani-aa034a152/>

<https://www.riyainno.com/>

## Education

<b>Bhopal, India</b> B-Tech Computer Science and Engineering (Specialisation in Cyber Security and Digital Forensics) <ul style="list-style-type: none"><li>Engineering GPA: 9.1/10</li></ul>	<b>VIT Bhopal University</b>	<b>Oct 2022- Present</b>
<b>Bhopal, India</b> Central Board of Higher Education (Class XII) <ul style="list-style-type: none"><li>Percentage 92.8%</li></ul>	<b>Navnidh Girls School</b>	<b>Mar 2019- Mar 2021</b>
<b>Bhopal, India</b> Central Board of Higher Education (Class X) <ul style="list-style-type: none"><li>Percentage 95.2%</li></ul>	<b>Navnidh Girls School</b>	<b>Mar 2017- Mar 2019</b>

## Work Experience

<b>Backend Developer</b> <ul style="list-style-type: none"><li>Architected and deployed scalable backend systems using Python and Java.</li><li>Developed APIs for seamless system integrations and optimized backend performance for reliability.</li><li>Ensured payment platform security compliance while collaborating across teams for feature delivery and code quality maintenance.</li></ul>	<b>Stripe</b>	<b>Mar 2023 – May 2023</b>
---	---------------	----------------------------

## Extra Curriculars

- Open-Source Contributor** (2018-Present)
  - Optimized critical code segments by 30% in a image processing open-source repository, reducing processing time by 20%. Enhanced a machine learning toolkit, resulting in a 40% performance boost by implementing streamlined algorithms and reducing error instances by 25% through robust error-handling mechanisms
  - Engaged collaboratively in the global Apache Kafka project, leading the development of critical features in Kafka Connect, delivering a 30% boost in connector efficiency and reducing processing delays by 15%.
- Freelance Work** (2019-2021)
  - Pioneered a sustainable e-commerce platform, utilizing HTML, CSS, and JavaScript for a visually appealing and user-friendly experience.
  - Engineered TensorFlow models for a predictive analytics tool, predicting user preferences and behaviors.
  - Completed 12+ diverse freelance projects encompassing web development and machine learning. Notable achievements include crafting an interactive e-commerce site that boosted user engagement by 30% in a month and implementing a sentiment analysis ML model with an 85% accuracy, greatly assisting client decision-making

## Personal Projects

- Harmony Notes (2021)**
  - Directed cutting-edge real-time speech-to-text with ASR frameworks, boosting accuracy by 25% through NLP. Engineered a dynamic React.js UI, seamlessly integrating Google Cloud Translation API for versatile language support. Implemented tailored MongoDB settings, employed WebSocket for low-latency live transcription, and empowered a global learning community, impacting 10,000+ deaf students worldwide for enhanced inclusivity
- Gaming Glove (2020)**
  - Crafted an advanced Gaming Glove with Arduino Uno and MPU6050 sensor, enhancing responsiveness by 40% via precise gesture recognition algorithms. Leveraged MPU6050's versatility to capture nuanced hand movements for immersive virtual experiences
- AR/VR Cut paste (2021)**
  - Launched the AR/VR Cut-Paste Project, utilizing Unity and ARKit, enhancing immersive experience by 30%. Enabled seamless integration for dynamic interaction, boosting user engagement by 40%. This Swift-powered initiative redefines creative expression, offering artists and designers unparalleled possibilities in the AR/VR landscape
- Current Projects(2022-Present)**
  - Simultaneously developing cutting-edge innovations: an integrated sensor-equipped lens utilizing OPENAI GPT-4, Apple search transcription, elevenlabsio TTS for voice, PaddlePaddle OCR, and brilliantlabs AR monocle; a commercial fusion energy device; and a retinal image-based predictive tool for cardiovascular diseases.

## Awards and Recognitions

- Secured the WEAmplify Extended Scholarship, standing out among thousands, and earned a coveted spot in the Student Swift Challenge, emerging as one of the 350 exceptional students selected
- Secured Second Position among 500 participants in the Major Hacking League 2021, for HarmonyNotes:Deaf Education Tech.
- Distinguished as one of 750 individuals awarded a Meta bounty, earning \$500, out of approximately 10,000 total reports submitted in 2022
- Selected as a Microsoft Learner Student Ambassador globally, from thousands of applicants in 102 countries.
- Served as a core team member of SheBuildsOnAzure empowering women in tech among 150 participants

## Skills

- Java (Object Oriented Programming), Python, C++, HTML/CSS, Swift
- Data Structures, Algorithms, React, Node.js , TensorFlow, Machine Learning

## Hobbies

- Writing, Dancing, Swimming, Reading