

# Divyansh Gupta

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## Education

### FLORIDA INSTITUTE OF TECHNOLOGY | AUG 2019 - MAY 2022 | B.S. COMPUTER SCIENCE

- Cumulative GPA: 3.72      Major GPA: 3.89
- Minor: Psychology

### FLORIDA INSTITUTE OF TECHNOLOGY | AUG 2022 - MAY 2024 | M.S. HUMAN-CENTERED DESIGN

- Cumulative GPA: 3.0
- Thesis Topic: "Human-Centered Study for Voting System: Analysis and Design Study"

## Skills

### TECHNOLOGIES AND PROGRAMMING LANGUAGES:

Python, C++, C, Java, Advance Java, Android Java, JavaScript, Objective C, C#, Haskell, Golang, ADA, R, Kotlin, jQuery, NodeJS, CSS, HTML, ARM Assembly, React, Oracle, MongoDB, MySQL, JSP, Azure, Docker, Kubernetes, CI/CP, Rust, Solidity

### OTHERS:

Microprocessor (8051, TIs), Arduino, Raspberry Pi, MS Office, Spring MVC, Hibernate, JPA, Router Programming, Git, Linux, **Ethical Hacking**: Social engineering, Network Hacking, and Cyber security, Server management

## Personal and Research Experience

### PERSONAL PROJECTS

- **Machine Learning Projects**: Student Performance Analysis, Credit Card Fraud Detection (Without Class imbalance), NSE Prediction (Multi-class model)
- **Web Apps**: Philanthropy Club, E-commerce website (JSP & Servlet), True Recording: Calling aid app
- **Desktop Apps**: Exam seat allotment system (C++), School Voting System (Java)
- **Microprocessor Projects (8051)**: Robotic Arm, Quadcopter, Seven-sensor robot, Hexapod Spider
- **Web3**: Fortune Wheel (Rust), NFT Trading (Solana), NFT and Token Raffle (Rust)

### RESEARCH PAPERS

- "Search Strategy on Improving search engine": e-ISSN: 2231-5152
- "Cloud Computing: Leveraging Cryptography to Develop the Efficacy of an Adaptable Model": e-ISSN: 2454-6402

## Professional Experience

### CTO AND LEAD DEVELOPER | UNKNOWN LABS | NOV 2022 - AUGUST 2023

- Lead a team of 6 developers to create some of the most innovative and complex web3 solutions on Solana blockchain.
- Developed all the smart contracts for the utility platform along with backend API configuration. Set up and managed a private RPC node for the whole infrastructure.
- Designed and developed the DevOps for the entire infrastructure including all the web application, RPC Node, databases, and bots.

### APP DEVELOPER INTERN | MERGE WORLD | JUNE 2021 - AUGUST 2021

- Hands-on experience on an ongoing project using new technologies like Kotlin, Kubernetes, and Azure.
- Developed over 15 feature and 20 debug tickets in 6 weeks.

### SENIOR DEVELOPER INTERN | CHEM-FREE SOLUTIONS | DECEMBER 2020 - MAY 2021

- Led a team of programmers in developing and innovating the company's first launch product.
- Worked with a TI microprocessor for over 100 hours to implement multiple complex product functionalities.

### PEER TUTOR | ACADEMIC SUPPORT CENTER - FLORIDA INSTITUTE OF TECHNOLOGY | NOVEMBER 2019 - NOW

- Help students with over 15 different CS courses, including programming and networking.
- Completed 400+ hours of tutoring sessions and was certified by National Tutoring Association Certification.

## Leadership

### PRESIDENT | INDIAN STUDENT ASSOCIATION - SANSKRITI

- Organize one of the most extensive and successful annual campus-wide events called 'Diwali Mela.'
- Represent Indian culture on-campus events such as 'International Fest' and 'Student Involvement Fare.'