

# MAANASA PRATHAP CHANDER

☎ +91-8610370570 | ✉ [maanasaprathapchander@gmail.com](mailto:maanasaprathapchander@gmail.com) | [in](#) [Linkedin](#) | [G](#) [Github](#) | [maanasaprathap](#)

## EDUCATION

**Madras Institute of Technology, Anna University**

**Chennai, Tamil Nadu**

*B.E Computer Science and Engineering*

*Sept 2022 - Present*

- Cumulative GPA : 7.85/10.0

**GEMS Our Own English High School**

**Dubai, UAE**

*(Affiliated to Central Board of Secondary Education)*

*Apr 2022*

- Higher Secondary Percentage : 91.00 ; Score : 455/500
- Senior Secondary Percentage : 91.40 ; Score : 457/500

## MOST PROUD OF

**Google Developers Group on Campus, MIT (formerly GDSC)**

- Angular Co-Lead of Web Development Team

*(10/24 - Present)*

## PROJECTS

**Optimizing TCP over MANET Routing Protocol With a new Routing Variant** [↗](#) *(08/24-Present)*

- **Innovating Routing Protocols:** Currently working on Engineering a novel routing protocol variant enhance TCP performance

**Virtual Realities: 3D Web-Spaced, Blender-Modeled, Animated Portfolio** [↗](#)

*(03/24-07/24)*

- Engineered an interactive 3D web-application to model a realistic 3D office environment, animated a custom avatar
- Languages used: HTML, CSS, JavaScript, React, Three.js, Tailwind CSS

**MarketPro: Advanced Stock Forecasting** [↗](#)

*(09/23-11/23)*

- Revamped a stock price prediction project in an **Anaconda Environment**
- Languages used: Python
- Tools Used: Jupyter Notebook, Anaconda Environment

**ESP32-CAM Wi-fi Controlled Autonomous Security Patrol Car** [↗](#)

*(09/23-12/23)*

- Remote and Wi-Fi controlled car equipped with a camera for surveillance purposes
- Languages used: C++, Arduino Frameworks

**ElectroSpin: LED Roulette in Action** [↗](#)

*(09/23-12/23)*

- Developed an electronic roulette wheel simulator
- Tools Used: LED array, Micro-controller Unit, PCUs, PCBs

## TECHNICAL SKILLS

- **Programming Languages:** C++, C, Java, Python(Basics)
- **Database:** MySQL, PySpark SQL(Basics)
- **Web Development Technologies/Frameworks:** HTML, CSS, JavaScript, React, Angular, React Three Fiber
- **3D Graphics and Game Development:** Blender, Unity, Unreal Engine

## CERTIFICATIONS

- Completed 15 skill badges on Google Cloud Skills Boost - GenAI applications [↗](#)
- Flipkart GRiD 6.0 - Software Development Track [↗](#)
- J.P Morgan - Software Engineering Job Simulation [↗](#)

## SCHOLASTIC ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Technical Secretary of Design and Web Team of Centre of Internet of Things (CIoT), Anna University *(09/2024 - Present)*
- Member of Association of Computer Technologists (ACT) - Web Development Team *(08/2024 - present)*
- UI-UX DEVELOPER - Web Team of Personality Development Association of MIT, Anna University *(09/2023 - present)*
- 1st Runner Up in 14th National Cognitive Arithmetic and listening skills Competition, 2017 (UAE)
- 3rd Placing in 21st International Cognitive Arithmetic Competition, 2016 (UAE)