

# PRATIK DAS

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## EDUCATION

### National Institute of Technology Agartala

B.Tech Electronics and Communication Engineering *GPA: 8.27*

India Agartala  
Dec 2020 - Jun 2024

### ShiShu Bihar H.S. School

Higher Secondary PCMB

India Agartala  
Jun 2018 - Jun 2020

## EXPERIENCE

### Asimov NIT Agartala Robotics Club (ANARC)

NIT Agartala

- Served the Role of a web developer in the Robotics club of NIT Agartala (ANARC). Represented our college at National Level in competitions like E-Yantra and Robocon 2022. Worked in Real World projects like 3D printer and Autonomous Maze Solver.

## TECHNICAL SKILLS

Java: Proficient in Java programming language, with a strong foundation in Core Java and OOPS  
Python: Good understanding of Scripting Language. Proficient in Django back-end application  
JavaScript: Strong understanding of modern JavaScript frameworks, including React

## DEVELOPMENT SKILLS

React: Hands-on experience with ReactJS for building interactive and dynamic user interfaces.  
Problem Solving: Applied critical thinking and analytical skills to overcome challenges in development.  
DBMS: Proficient in SQL, with experience in database design and management systems.

## PROJECTS

### Lyriks | React Music Player *React, Redux, ShazamAPI*

<https://pratik-player57.netlify.app/>

- A feature-rich Music Player using React – Redux, with integration of ShazamAPI
- Anonymous access to 1M+ Music Streams across different genres with search feature
- Source Code At: <https://github.com/pratik2050/React-Music-Player>

### PChatz | Group Video Calling App *Django, AgoraRTC*

<https://videoapp-yl3w.onrender.com/>

- A Django App enabling multiple users to join group video calls on the go with WebRTC P2P Network
- No User Authentication Required making the app seamless to use across multiple users on the same platform
- Source Code At: <https://github.com/pratik2050/VideoCall-App>

### Connect 4 Game | JavaFX *Java*

<https://github.com/pratik2050/JavaFX-Apps>

- Famous Connect4 Game is designed using JavaFX for desktop players with interactive UI
- Responsiveness is maintained across all common screen resolutions for best playability of the game
- Source Code At: <https://github.com/pratik2050/JavaFX-Apps>

## ACHIEVEMENTS

### Contributor

ANARC

- Developed the ANARC Website from Scratch <https://anarcnita.in>
- Successfully hosted using GitHub Actions

### Core Java

Internshala

- Successfully completed 6-week hands on training on Core Java with JavaFX
- Cleared fundamentals of core java, oops using java and made 2 projects with javafx showcasing proficiency in java desktop apps
- Scored 95/100 in final test. Id: D15964B6-CB56-957A-FBDD-441431012D44

### Web Fundamentals

Internshala

- Successfully completed 8-week hands on training on Web Fundamentals with Frontend Frameworks
- Learned Javascript, React and DBMS with practical implementation by successfully hosting 3 projects
- Scored 91/100 in final test. Id: 64E5352F-7852-B49E-012E-B08B5BD99876