

Mohith Pupppala

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EDUCATION

Gitam University
B-Tech

Vizag,AndhraPradesh
Graduation Date: Apr 2026

Narayana college
intermediate

Vizag,AndhraPradesh
Graduation Date: Mar 2022

Narayana e-techno
Schooling

Vizag,AndhraPradesh
Graduation Date: Mar 2020

PROJECT EXPERIENCE

DRDO

Hyderabad,Andhra Pradesh

Creating Desktop Applications using Python

May 2024 - Jun 2024

- Developed an XML File Viewer using Python(PyQt),reducing dataset analysis time by 40% and improving team efficiency
- Engineered a multi-language search engine translator,enabling seamless translation across six languages,increasing accessibility for over 500+ users
- Optimized UI performance,decreasing application load time by 30% for smoother user experience

Smart India Hackathon (SIH)

Vizag,Andhra Pradesh

Team Lead

Mar 2024 - Mar 2024

- Led a 5-member team to develop an Emergency Distress Signal System, allowing real-time alerts with response time under 5 seconds
- Implemented a lock confirmation feature,improving user security and reducing accidental distress deactivations by 50%
- Designed an intuitive React.js front-end,enhancing usability and boosting emergency response efficiency by 30%

Personal Portfolio

Vizag,Andhra Pradesh

Front-End Developer

Jan 2025 - Jan 2025

- Built a fully responsive portfolio website using React.js,improving page load speed by 40% and increasing visitor engagement.
- Designed an interactive UI/UX, leading to a 25% increase in recruiter interaction on personal projects and skills showcase.
- Integrated SEO best practices, resulting in a higher visibility on search engines

WORK EXPERIENCE

• DRDO Hyderabad

- Developed desktop applications using Python(PyQt),improving UI/UX and functionality for streamlined user interactions.

Intern: • Built multiple applications, including:

- XML File Viewer:Reduced data analysis by 40% by enabling efficient large dataset processing
- Optimized application performance

EXTRACURRICULAR ACTIVITIES

• Member – Web Security Team, GitHub Community at GITAM

- Delivered two technical seminars on **Python fundamentals** and **authorization using PortSwigger**, educating 30+ students and enhancing peer learning .

- Conducted hands-on **authorization labs**, improving participants understanding of web authentication vulnerabilities by 40%
- Collaborated with the team to enhance web security awareness,contributing to open-source security discussions.
- Assisted in developing **best practices** for **web security**, helping students improve their **penetration testing skills**

SKILLS & INTERESTS

- **Programming Languages:**C,Python,Java,JavaScript
- **Web Development:**HTML,CSS,React.js(Built3+ interactive web applications)
- **Desktop Application Development:**Python(PyQt)(Developed 5+ desktop applications)

Skills: • **Security & Penetration Testing:**Web authentication,authorization vulnerabilities (Conducted 2 seminars and hands-on labs)

- **Productivity Tools:**Microsoft Office(Excel,Word,PowerPoint),Git,VS Code

- **Software Development & UI/UX Design:** Passionate about creating user-friendly applications
- **Web Security :**Enthusiast in penetration testing and security research

Interests: • **Open-Source Contributions & Community Engagement:**Active participant in GitHub security discussions

- **Machine Learning & AI Applications:**Exploring new Artificial Intelligence Technologies

HOBBIES

- **Exploring Web Development Frameworks:** Staying updated with the latest React.js & frontend trends
- **Building Interactive Web Applications:** Focused on improving UI/UX and accessibility
- **Basketball & Music:** Engaging in team sports and creative expression for a balanced mindset