

AJAY DEEKONDA

+91 6302632819 • ajay.deekonda1@gmail.com • linkedin.com/in/ajaydeekonda9 • github.com/Ajaydeekonda

SUMMARY

Enthusiastic Computer Science graduate with hands-on experience in full-stack development using Python, C#, Java, JavaScript, React.js, Node.js, and Express.js. Proficient in .NET backend development, databases like MongoDB and MySQL, and Azure cloud services. Familiar with DevOps tools and practices including CI/CD and containerization. Strong collaborator with a problem-solving mindset, eager to apply technical and DevOps skills to contribute effectively in a dynamic tech environment.

TECHNICAL SKILLS

Programming: Java, JavaScript, Python, C#

Web Development: HTML, CSS, React.js, Node.js, Express.js, MongoDB, .NET

Version Control: Git, GitHub

Tools & Platforms: Azure Cloud

PERSONAL PROJECTS

EduSync: React.js .NET Web API Azure SQL Azure Blob Storage Azure Event Hub 2025

Led development of a full-stack learning platform supporting user registration

- Built using React.js for the frontend and .NET Web API for the backend with Azure SQL for relational data storage.
- Integrated Azure Blob Storage to handle course content uploads such as videos, PDFs, and other learning materials.
- Enabled real-time quiz tracking and analytics using Azure Event Hub.

ACADEMIC PROJECTS

Deauthentication Detection : Python 2023

Led team of three to design and develop a tool that detects the deauthentication packets sent over a network.

- Researched and planned to build the tool using Python's Scapy library.
- Developed and executed the tool successfully, with a detection rate of over 95% for deauthentication attacks.
- Implemented real-time packet sniffing and monitoring for continuous network protection.
- Optimized the detection algorithm, reducing false positives by 10% through packet filtering techniques.

SQL Injection Exploitation Techniques : MySQL Node.js React.js Express.js 2024

Led team of three to develop a vulnerable website for cybersecurity training on SQL injection attacks.

- Researched and designed a website with intentional SQL vulnerabilities to simulate real-world attack scenarios.
- Implemented various SQL injection points to demonstrate exploitation techniques to cybersecurity professionals.
- Developed interactive exercises allowing users to practice identifying and mitigating SQL injection vulnerabilities.
- Conducted testing to ensure the platform provided realistic training in a secure environment.

PROFESSIONAL EXPERIENCE

DRDO, RCI: Cyber Security Intern May 2023 – Jun 2023

- Learned about firewalls, IDS/IPS, DNS servers.
- Visited the data center and gained practical experience about how it works.

EDUCATION

B.Tech, Computer Science and Engineering (Cyber Security) 2022-2025

CMR College of Engineering and Technology 8. GPA

Relevant coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems, Computer Organization & Architecture, OOP Concepts