

KRISHNA VAIBHAV YADLAPLLI

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PROFESSIONAL SUMMARY

Dynamic and detail-oriented Computer Science Master's candidate with a robust background in software engineering, cybersecurity, and modern web technologies. Proven track record of developing, securing, and optimizing applications, with a keen interest in full-stack development and cloud computing. Adept at working with cross-functional teams to deliver high-quality software solutions.

CERTIFICATIONS

- ServiceNow Certified Administrator
- Security Intelligence Engineer – Explorer Award (IBM)
- Cybersecurity Roles, Processes & Operating System Security (IBM)
- Java Programming: Solving Problems with Software from Duke University (by Coursera)
- Unix, PCAP, Android, and Recon Badges (PentesterLab)
- Python Data Structures from the University of Michigan (by Coursera)

SKILLS

- **Programming Languages:** Python, Java, JavaScript, SQL, Bash
- **Frameworks:** React JS, React Native
- **Tools:** AWS, Docker, Kubernetes, Splunk, Nmap, BurpSuit, WireShark, Metasploit.
- **Platforms:** Windows, Linux, Mac.

PROFESSIONAL EXPERIENCE

COGNIZANT TECHNOLOGY SOLUTIONS

Hyderabad, India

Programmer Analyst Trainee (Internship)

March 2022 – December 2022

- Trained on Full Stack Web Development on React Framework along with JavaScript and Bootstrap.
- Certified System Administrator on the ServiceNow platform.

Projects

Furniture E-Commerce Website

- Developed an online shopping platform specialized in furniture, providing a seamless user experience and enhanced security.
- Constructed a user-friendly Home Page using Bootstrap on a React framework, ensuring alignment with the original UI design. Created and managed REST API endpoints to provide all dynamic information required for the front-end interface. Integrated JSON Web Tokens (JWT) and applied Cryptography methods to enhance the security of the application.
- Technologies Used: React, Bootstrap, REST APIs, JWT, Cryptography

PROJECT EXPERIENCE

GODINE - UNIVERSITY PROJECT

March 2024

- A platform to book and restaurant reservations with various features.
- Developed Using React Framework, Node JS, MongoDB, and Bootstrap.
- Integrated JWT token and Cryptography methods for the security of the application.
- Implemented React's protected routes for authentication purposes.

FILESHARE (AWS DEPLOYED)- UNIVERSITY PROJECT

March 2024

- A platform to make sharing various types of files more ease and quicker.
- Front end developed using React, Backend using Flask with aws-sdk.
- Implemented AWS service which includes EC2, VPC, DynamoDB, S3, API Gateway, SNS, and AWS Backup.
- Used Cloud Formation for easy deployment and modifying configuration of the setup.

ACTICCLASS - UNIVERSITY PROJECT

December 2023

- And Cross-Platform Mobile application that gamifies class interactions along with attendance tracking using GPS.
- Developed using React Native for both Android and IOS platforms.
- Used and Implemented NoSQL database, JWT token, and protected routes.

EDUCATION

DALHOUSIE UNIVERSITY

Masters of Applied Computer Science

Halifax, NS

2023 - 2024

CHANDIGARH UNIVERSITY

Bachelor of Engineering, Major in Computer Science; Honors in Information Security

Mohali, India

2018 - 2022