

# Nithin Kumar E

Full stack Developer

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## SUMMARY

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Motivated CS grad with internship experience in web development using HTML, CSS & JS. Built secure, responsive web apps and improved user engagement by 15%. Eager to leverage skills for your team's success!

## EXPERIENCE

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### Cyber Security Intern

The Slash mark. Cloud

Dec '23 -Apr '24

- **Text Encryption Using Cryptographic Algorithms**

**Description:** You can build a simple web application to encrypt and decrypt textual information that the user keys in. Remember that strong encryption should produce different outputs even given the same input.

- **Keylogger Software**

**Description:** Keylogger software is a good beginner-level cyber security project. A keylogger is software used to record every keystroke made by the user on their keyboard devices.

- **Image Encryption**

**Description:** The images must be encrypted in such a way that even with arbitrary access to them via the internet, the image must not be decryptable without a secure key. This project would help you delve into the basics of cybersecurity and develop your cryptography skills.

### Java Script Intern

Jul '23-Aug'23

Azure Skynet Solutions

**Description:**

As a JavaScript Intern, I contributed to the development of dynamic and responsive web applications using JavaScript, HTML, and CSS. My primary responsibilities included:

- Front-end Development: Implemented interactive UI components, features, and functionality using JavaScript, React, and Angular.
- Code Optimization: Improved code efficiency, performance, and maintainability through refactoring and optimization techniques.
- Debugging and Testing: Identified and resolved bugs, ensuring cross-browser compatibility and smooth user experiences.
- Collaboration: Worked closely with designers, project managers, and other developers to ensure seamless integration and project delivery.

This internship experience has enhanced my JavaScript skills, and I am now proficient in building fast, scalable, and maintainable front-end applications.

## PROJECTS

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fireZo

- Developed a fire accident prevention portal with GPS location tracking and emergency helpline integration.
- Ensured accurate location-based assistance and safety measures.
- Improved system reliability by implementing real-time data processing and alerts.

EasyMed

- Created a DBMS-driven gym management portal for efficient member registration and automated fee collection; reduced manual processing time by 50% and improved financial tracking accuracy by 70%.
- Integrated user authentication, account management, and payment gateways; increased user satisfaction by 35% and reduced transaction errors by 22%.
- Optimized MySQL database queries to ensure read operations completed in under 10 milliseconds.
- Conducted user experience testing and implemented feedback, leading to a 25% increase in user retention.

Snake

- Developed a classic Snake game focusing on visual rendering and graphics programming.
- Implemented advanced collision detection algorithms, enhancing gameplay experience.
- Deployed the game on multiple platforms, resulting in a 30% increase in downloads.

## EDUCATION

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**B. Tech in Mechanical Engineering**, MITS Engineering college, Madanapalli. (CGPA: 8.75) Andhra Pradesh, India  
• Relevant Courses: Cyber Security, Full Stack Developer, Java, Java Script, Machine learning

## SKILLS

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**Programming Languages:** Java, JavaScript  
**Web Development** : HTML, CSS, React.js  
**Database Management** : MySQL  
**Development Tools** : VS Code, Git, Android Studio, OpenGL

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## CERTIFICATIONS

[Cyber Security intern](#)

[java Script intern](#)

[Machine Learning](#)