

Umair Ahmed

Bangalore, India

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Work Experience

EY – Edunet Foundation

Bangalore

WEB DEVELOPMENT INTERN

December 9, 2024 - January 20, 2025

- Built full-stack web applications using the MERN stack with a focus on responsiveness and performance.
- Developed RESTful APIs and integrated third-party services for enhanced functionality.
- Gained hands-on experience in modern web development through real-world projects.

Nasscom Foundation

Bangalore

CYBERSECURITY INTERN

November 2024 - December 2024

- Gained hands-on experience in cybersecurity fundamentals, including network security, encryption, and threat analysis.
- Learned about risk assessment and identified potential vulnerabilities in web applications.
- Explored steganography techniques for secure data transmission.
- Strengthened knowledge of cyber defense strategies through real-world projects and industry insights.

One Origin

Bangalore

ASSOCIATE SOFTWARE DEVELOPER

June 2022 - June 2023

- Worked on Drupal-based web applications, building and optimizing modules to improve site functionality and user experience.
- Led the Staff Council website development for Arizona State University, collaborating closely with the client to ensure a smooth and accessible platform.
- Developed a Google Sheets-to-Drupal API integration, allowing real-time data synchronization and reducing manual content updates by 40%.
- Contributed to the Kent State University website migration, ensuring a seamless transition with minimal downtime and improved performance.
- Optimized Database queries and implemented caching strategies, resulting in a 20% boost in website speed and performance.

Projects

DesiKart

React.js, MongoDB

E-COMMERCE PLATFORM

Github

- Developed a full-stack e-commerce website for seamless product browsing, cart management, and secure checkout.
- Implemented dynamic filtering and sorting features for an improved shopping experience.
- Integrated Firebase authentication for secure user login and order management.

Sregosecure (CyberSecurity)

Python, Cryptography

SECURE DATA HIDING TOOL

Github

- Developed a steganography-based tool to securely hide messages within images using LSB (Least Significant Bit) encoding.
- Implemented encryption techniques to enhance data security before embedding.
- Designed a user-friendly interface for encoding and decoding hidden information.

Technical Skills

Strongest Areas

Data Structures, Algorithms

Programming Languages

C/C++, PHP, Javascript, Java, Python

Libraries/Frameworks

React.js, Git, Node.js, Drupal 9, HTML5, CSS3

Database

MongoDB, MySQL

Education

Atria Institute of Technology

Bangalore, India

Masters in Computer Application

June. 2023 - May. 2025

- 79% - 3rd sem Pursuing

Nagarjuna Degree College

Bangalore, India

Bachelors in Computer Application

March. 2018 - November. 2021

- 71%, 7.78 SGPA

Seshadripuram First Grade PU College

Bangalore, India

- 66.33%

June. 2016 - May. 2018

Strengths

- Strong problem-solving and analytical skills.
- Excellent collaboration and communication skills.
- Quick to learn and adapt to new technologies.
- Effective time management and meeting deadlines.

Hobbies

- Solving Problems on leet code
- Reading Dev community posts
- Playing Chess and CSS games.
- Singing and Listening to Music.