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*](https://github.com/soumyajit4419/Chatify)

* 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*](https://github.com/soumyajit4419/Chatify)

* 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 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.